Series **82**

Characteristics

The compact Series 82 is especially suited for:

- Flush design

The robust construction and the metal housing allow a high vandal resistant, which approximate a mechanical front protection of IK10.

Functions

The Series 82 incorporates the following functions:

- Indicator
- Pushbutton
- Illuminated pushbutton

Market segments

The EAO series 82 is used in the following segments:

- Machinery and Automation
- Building technology
- Panel building

Please refer to the EAO website to obtain detailed information regarding this series **www.products.eao.com**
Configure a product to your exact needs and request a quotation.

Content **82**
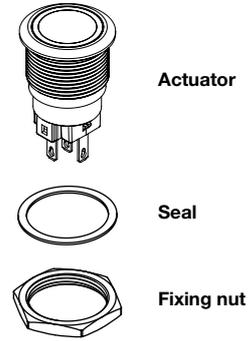
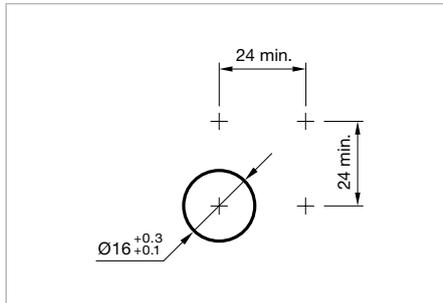# 82 Flush design

Product can differ from the current configuration.

Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Indicator 16 mm stainless-steel, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0146**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0156**	1	1	0.018 kg

Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.0256**	1	1	0.021 kg

Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0136**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0156**	1	1	0.018 kg

Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.0256**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Indicator 16 mm Brass, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0156**	1	1	0.018 kg
Indicator 16 mm Brass, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0246**	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.0256**	1	1	0.021 kg

Indicator 16 mm Aluminium, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0156**	1	1	0.018 kg

Indicator 16 mm Aluminium, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0236**	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.0256**	1	1	0.021 kg

Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0156**	1	1	0.018 kg

Indicator 16 mm stainless-steel, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0226**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.0256**	1	1	0.021 kg

Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0156**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Indicator 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.0256**	1	1	0.021 kg
Indicator 16 mm Brass, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0146**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0156**	1	1	0.018 kg

Indicator 16 mm Brass, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.0256**	1	1	0.021 kg

Indicator 16 mm Aluminium, Front dimension Ø 18 mm

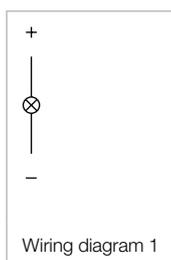| Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0136**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring dia-gram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0156**	1	1	0.018 kg

Indicator 16 mm Aluminium, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring dia-gram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.0256**	1	1	0.021 kg

The component layouts you will find from page 103

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Wiring diagram 1
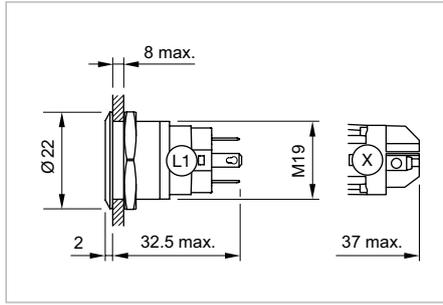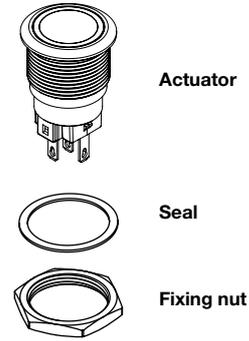
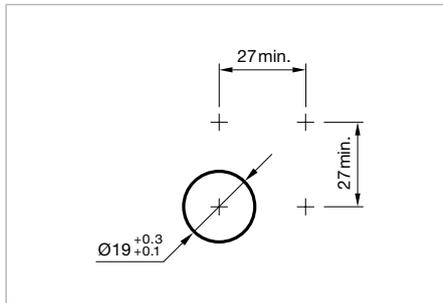# 82 Flush design

Product can differ from the current configuration.

Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Indicator 19 mm stainless-steel, Front dimension Ø 22 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0146**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0156**	1	1	0.018 kg

Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.0256**	1	1	0.021 kg

Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0136**	1	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0156**	1	1	0.018 kg

Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.0256**	1	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight

Indicator 19 mm Brass, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0156**	1	1	0.018 kg

Indicator 19 mm Brass, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.0246**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5351.0256	1	1	0.021 kg

Indicator 19 mm Aluminium, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0146	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0156	1	1	0.018 kg

Indicator 19 mm Aluminium, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5551.0236	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.0256**	1	1	0.021 kg

Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.0156**	1	1	0.018 kg

Indicator 19 mm stainless-steel, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.0226**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.0256	1	1	0.021 kg

Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0136	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0142	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0143	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0144	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0145	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0146	1	1	0.018 kg
Ring mit LED weiss	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5252.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5252.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5252.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5252.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5252.0156	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight

Indicator 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Comp.	Wiring	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.0256**	1	1	0.021 kg

Indicator 19 mm Brass, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Comp.	Wiring	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.0146**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0152	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0153	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0154	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0155	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0156	1	1	0.018 kg

Indicator 19 mm Brass, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0212	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0213	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0214	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0215	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0216	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0222	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0223	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0224	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0225	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0226	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0232	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0233	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0234	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0235	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0236	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0242	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0243	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0244	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0245	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0246	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5352.0252	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5352.0253	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5352.0254	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5352.0255	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5352.0256	1	1	0.021 kg

Indicator 19 mm Aluminium, Front dimension Ø 22 mm

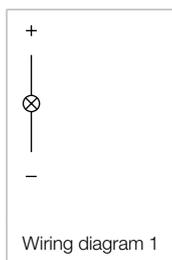| Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0112	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0113	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0114	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0115	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0116	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0122	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0123	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0124	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0125	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0126	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5552.0132	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5552.0133	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5552.0134	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5552.0135	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5552.0136	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.0156**	1	1	0.018 kg

Indicator 19 mm Aluminium, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.0256**	1	1	0.021 kg

The component layouts you will find from page 103

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Wiring diagram 1
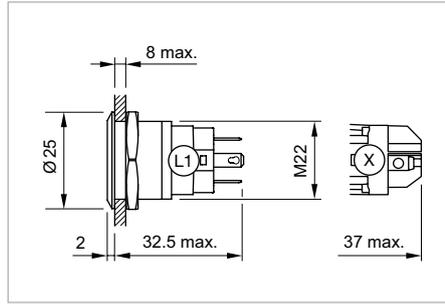
82 Flush design
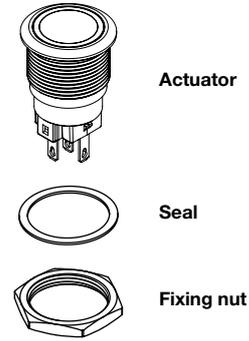
Product can differ from the current configuration.

Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Mounting cut-outs [mm]

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
**Indicator 22 mm stainless-steel, Front dimension Ø 25 mm**
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0146**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0156**	1	1	0.018 kg

Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.0256**	1	1	0.021 kg

Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0136**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0156**	1	1	0.018 kg

Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.0256**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight

Indicator 22 mm Brass, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Comp.	Wiring	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0112**	1	1	0.018 kg
Ring with red LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0113**	1	1	0.018 kg
Ring with red LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0114**	1	1	0.018 kg
Ring with red LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0115**	1	1	0.018 kg
Ring with red LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0122**	1	1	0.018 kg
Ring with blue LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0123**	1	1	0.018 kg
Ring with blue LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0124**	1	1	0.018 kg
Ring with blue LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0125**	1	1	0.018 kg
Ring with blue LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0132**	1	1	0.018 kg
Ring with green LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0133**	1	1	0.018 kg
Ring with green LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0134**	1	1	0.018 kg
Ring with green LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0135**	1	1	0.018 kg
Ring with green LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0142**	1	1	0.018 kg
Ring with yellow LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0143**	1	1	0.018 kg
Ring with yellow LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0144**	1	1	0.018 kg
Ring with yellow LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0145**	1	1	0.018 kg
Ring with yellow LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0152**	1	1	0.018 kg
Ring with white LED	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0153**	1	1	0.018 kg
Ring with white LED	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0154**	1	1	0.018 kg
Ring with white LED	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0155**	1	1	0.018 kg
Ring with white LED	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0156**	1	1	0.018 kg

Indicator 22 mm Brass, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Comp.	Wiring	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0246**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.0256**	1	1	0.021 kg

Indicator 22 mm Aluminium, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0156**	1	1	0.018 kg

Indicator 22 mm Aluminium, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0236**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.0256**	1	1	0.021 kg

Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0156**	1	1	0.018 kg

Indicator 22 mm stainless-steel, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0226**	1	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.0256**	1	1	0.021 kg

Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0156**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Indicator 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.0256**	1	1	0.021 kg
Indicator 22 mm Brass, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0136**	1	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0146**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0156**	1	1	0.018 kg

Indicator 22 mm Brass, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.0256**	1	1	0.021 kg

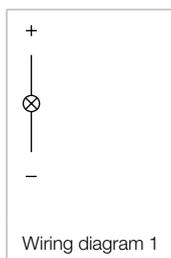**Indicator 22 mm Aluminium, Front dimension Ø 25 mm**

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0112**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0113**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0114**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0115**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0116**	1	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0122**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0123**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0124**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0125**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0126**	1	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0132**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0133**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0134**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0135**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0136**	1	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0142**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0143**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0144**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0145**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0146**	1	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0152**	1	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0153**	1	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0154**	1	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0155**	1	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0156**	1	1	0.018 kg

Indicator 22 mm Aluminium, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0212**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0213**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0214**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0215**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0216**	1	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0222**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0223**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0224**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0225**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0226**	1	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0232**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0233**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0234**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0235**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0236**	1	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0242**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0243**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0244**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0245**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0246**	1	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.0252**	1	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.0253**	1	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.0254**	1	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.0255**	1	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.0256**	1	1	0.021 kg

The component layouts you will find from page 103

Wiring diagram 1
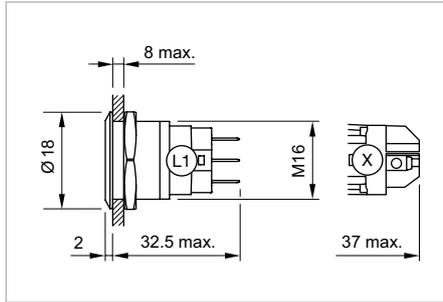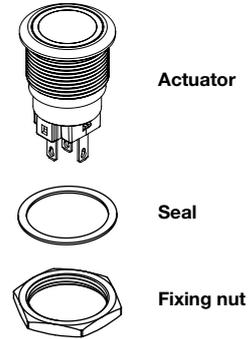
82 Flush design

Product can differ from the current configuration.

Dimensions [mm]
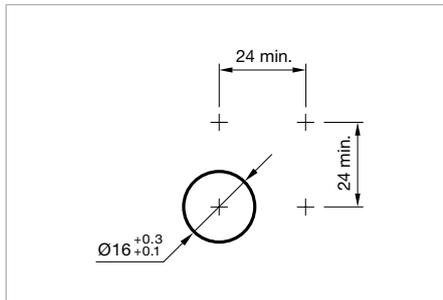L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

* Contacts: 1 chanche over (NC/NO)

Mounting cut-outs [mm]

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4151.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-4151.2000**	2	2	0.018 kg
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-4161.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-4161.2000**	2	2	0.020 kg
Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4171.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-4171.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-4181.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-4181.2000**	2	2	0.023 kg
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4251.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-4251.2000**	2	2	0.018 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-4261.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-4261.2000**	2	2	0.020 kg
Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4271.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-4271.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-4281.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-4281.2000**	2	2	0.023 kg
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4351.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-4351.2000**	2	2	0.018 kg
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-4361.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-4361.2000**	2	2	0.020 kg
Pushbutton 16 mm Brass, Front dimension Ø 18 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4371.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-4371.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-4381.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-4381.2000**	2	2	0.023 kg
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4551.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-4551.2000**	2	2	0.018 kg
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-4561.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-4561.2000**	2	2	0.020 kg
Front ring shape	**Lens**	**Switching action**	**Terminal**	**Part No.**	Component layout	Wiring diagram	**Weight**

Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm

Front ring shape	Lens	Switching action	Terminal	Part No.			Weight
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-4571.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-4571.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-4581.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-4581.2000**	2	2	0.023 kg

Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm

Front ring shape	Lens	Switching action	Terminal	Part No.			Weight
flush	flat / level with front ring	B	Screw	**82-4152.1000**	2	1	0.018 kg
		C	Screw	**82-4152.2000**	2	2	0.018 kg

Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm

Front ring shape	Lens	Switching action	Terminal	Part No.			Weight
flush	flat / raised above fron ring	B	Screw	**82-4162.1000**	2	1	0.020 kg
		C	Screw	**82-4162.2000**	2	2	0.020 kg

Pushbutton 16 mm stainless-steel, Front dimension Ø 18 mm

Front ring shape	Lens	Switching action	Terminal	Part No.			Weight
flush	convex / level with front ring	B	Screw	**82-4172.1000**	2	1	0.019 kg
		C	Screw	**82-4172.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-4182.1000**	2	1	0.023 kg
		C	Screw	**82-4182.2000**	2	2	0.023 kg

Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Front ring shape	Lens	Switching action	Terminal	Part No.			Weight
flush	flat / level with front ring	B	Screw	**82-4252.1000**	2	1	0.018 kg
		C	Screw	**82-4252.2000**	2	2	0.018 kg

Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Front ring shape	Lens	Switching action	Terminal	Part No.			Weight
flush	flat / raised above fron ring	B	Screw	**82-4262.1000**	2	1	0.020 kg
		C	Screw	**82-4262.2000**	2	2	0.020 kg

Pushbutton 16 mm stainless-steel chrome-coloured, Front dimension Ø 18 mm

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
flush	convex / level with front ring	B	Screw	**82-4272.1000**	2	1	0.019 kg
		C	Screw	**82-4272.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-4282.1000**	2	1	0.023 kg
		C	Screw	**82-4282.2000**	2	2	0.023 kg

Pushbutton 16 mm Brass, Front dimension Ø 18 mm								
flush	flat / level with front ring	B	Screw	**82-4352.1000**	2	1	0.018 kg
		C	Screw	**82-4352.2000**	2	2	0.018 kg
Pushbutton 16 mm Brass, Front dimension Ø 18 mm								
flush	flat / raised above fron ring	B	Screw	**82-4362.1000**	2	1	0.020 kg
		C	Screw	**82-4362.2000**	2	2	0.020 kg
Pushbutton 16 mm Brass, Front dimension Ø 18 mm								
flush	convex / level with front ring	B	Screw	**82-4372.1000**	2	1	0.019 kg
		C	Screw	**82-4372.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-4382.1000**	2	1	0.023 kg
		C	Screw	**82-4382.2000**	2	2	0.023 kg
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm								
flush	flat / level with front ring	B	Screw	**82-4552.1000**	2	1	0.018 kg
		C	Screw	**82-4552.2000**	2	2	0.018 kg
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm								
flush	flat / raised above fron ring	B	Screw	**82-4562.1000**	2	1	0.020 kg
		C	Screw	**82-4562.2000**	2	2	0.020 kg
Pushbutton 16 mm Aluminium, Front dimension Ø 18 mm								
flush	convex / level with front ring	B	Screw	**82-4572.1000**	2	1	0.019 kg
		C	Screw	**82-4572.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-4582.1000**	2	1	0.023 kg
		C	Screw	**82-4582.2000**	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
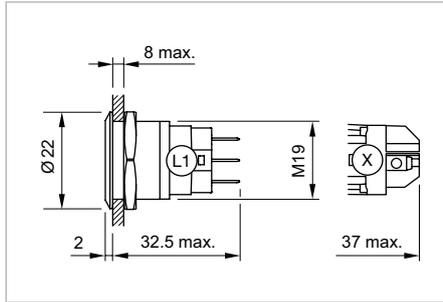The component layouts you will find from page 103
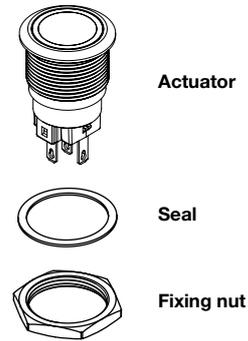

Wiring diagram 1

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Product can differ from the current configuration.

Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

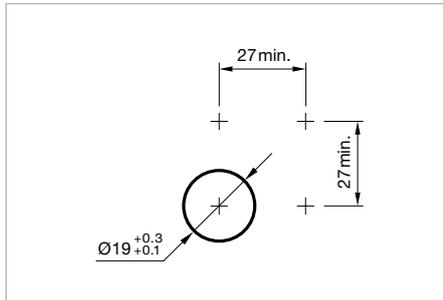**Equipment consisting of (schematic overview)**

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

- Contacts: 1 chanche over (NC/NO)

Mounting cut-outs [mm]

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5151.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-5151.2000**	2	2	0.018 kg
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-5161.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-5161.2000**	2	2	0.020 kg
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5171.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-5171.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-5181.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-5181.2000**	2	2	0.023 kg
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5251.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-5251.2000**	2	2	0.018 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-5261.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-5261.2000**	2	2	0.020 kg
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5271.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-5271.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-5281.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-5281.2000**	2	2	0.023 kg
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5351.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-5351.2000**	2	2	0.018 kg
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-5361.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-5361.2000**	2	2	0.020 kg
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5371.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-5371.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-5381.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-5381.2000**	2	2	0.023 kg
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5551.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-5551.2000**	2	2	0.018 kg
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-5561.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-5561.2000**	2	2	0.020 kg

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Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-5571.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-5571.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-5581.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-5581.2000**	2	2	0.023 kg
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	**82-5152.1000**	2	1	0.018 kg
		C	Screw	**82-5152.2000**	2	2	0.018 kg
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	**82-5162.1000**	2	1	0.020 kg
		C	Screw	**82-5162.2000**	2	2	0.020 kg
Pushbutton 19 mm stainless-steel, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	**82-5172.1000**	2	1	0.019 kg
		C	Screw	**82-5172.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-5182.1000**	2	1	0.023 kg
		C	Screw	**82-5182.2000**	2	2	0.023 kg
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	**82-5252.1000**	2	1	0.018 kg
		C	Screw	**82-5252.2000**	2	2	0.018 kg
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	**82-5262.1000**	2	1	0.020 kg
		C	Screw	**82-5262.2000**	2	2	0.020 kg
Pushbutton 19 mm stainless-steel chrome-coloured, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	**82-5272.1000**	2	1	0.019 kg
		C	Screw	**82-5272.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-5282.1000**	2	1	0.023 kg
		C	Screw	**82-5282.2000**	2	2	0.023 kg

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Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	**82-5352.1000**	2	1	0.018 kg
		C	Screw	**82-5352.2000**	2	2	0.018 kg
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	**82-5362.1000**	2	1	0.020 kg
		C	Screw	**82-5362.2000**	2	2	0.020 kg
Pushbutton 19 mm Brass, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	**82-5372.1000**	2	1	0.019 kg
		C	Screw	**82-5372.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-5382.1000**	2	1	0.023 kg
		C	Screw	**82-5382.2000**	2	2	0.023 kg
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / level with front ring	B	Screw	**82-5552.1000**	2	1	0.018 kg
		C	Screw	**82-5552.2000**	2	2	0.018 kg
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	flat / raised above fron ring	B	Screw	**82-5562.1000**	2	1	0.020 kg
		C	Screw	**82-5562.2000**	2	2	0.020 kg
Pushbutton 19 mm Aluminium, Front dimension Ø 22 mm							
flush	convex / level with front ring	B	Screw	**82-5572.1000**	2	1	0.019 kg
		C	Screw	**82-5572.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-5582.1000**	2	1	0.023 kg
		C	Screw	**82-5582.2000**	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
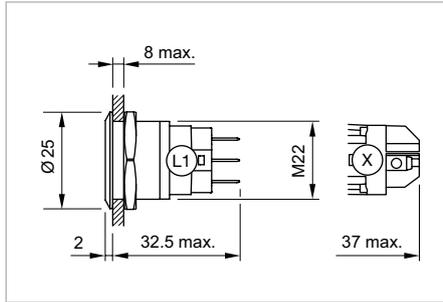The component layouts you will find from page 103
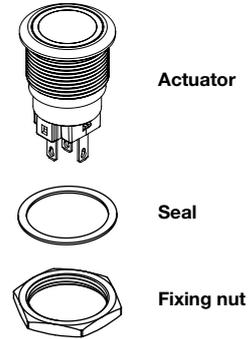
Wiring diagram 1

Wiring diagram 2
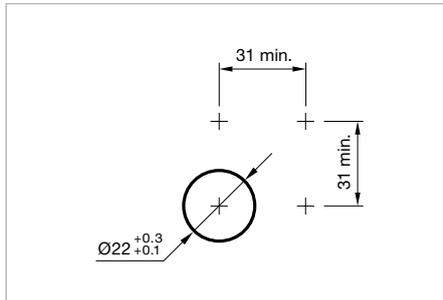
82 Flush design

Product can differ from the current configuration.

Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

• Contacts: 1 chanche over (NC/NO)

Mounting cut-outs [mm]

Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6151.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-6151.2000**	2	2	0.018 kg
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-6161.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-6161.2000**	2	2	0.020 kg
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6171.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-6171.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-6181.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-6181.2000**	2	2	0.023 kg
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6251.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-6251.2000**	2	2	0.018 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-6261.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-6261.2000**	2	2	0.020 kg
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6271.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-6271.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-6281.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-6281.2000**	2	2	0.023 kg
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6351.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-6351.2000**	2	2	0.018 kg
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-6361.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-6361.2000**	2	2	0.020 kg
Pushbutton 22 mm Brass, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6371.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-6371.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-6381.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-6381.2000**	2	2	0.023 kg
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6551.1000**	2	1	0.018 kg
		C	Solder 2.8 x 0.5 mm	**82-6551.2000**	2	2	0.018 kg
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Solder 2.8 x 0.5 mm	**82-6561.1000**	2	1	0.020 kg
		C	Solder 2.8 x 0.5 mm	**82-6561.2000**	2	2	0.020 kg

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Front ring shape	Lens	Switching action	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Solder 2.8 x 0.5 mm	**82-6571.1000**	2	1	0.019 kg
		C	Solder 2.8 x 0.5 mm	**82-6571.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Solder 2.8 x 0.5 mm	**82-6581.1000**	2	1	0.023 kg
		C	Solder 2.8 x 0.5 mm	**82-6581.2000**	2	2	0.023 kg
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	**82-6152.1000**	2	1	0.018 kg
		C	Screw	**82-6152.2000**	2	2	0.018 kg
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Screw	**82-6162.1000**	2	1	0.020 kg
		C	Screw	**82-6162.2000**	2	2	0.020 kg
Pushbutton 22 mm stainless-steel, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	**82-6172.1000**	2	1	0.019 kg
		C	Screw	**82-6172.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-6182.1000**	2	1	0.023 kg
		C	Screw	**82-6182.2000**	2	2	0.023 kg
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / level with front ring	B	Screw	**82-6252.1000**	2	1	0.018 kg
		C	Screw	**82-6252.2000**	2	2	0.018 kg
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	flat / raised above fron ring	B	Screw	**82-6262.1000**	2	1	0.020 kg
		C	Screw	**82-6262.2000**	2	2	0.020 kg
Pushbutton 22 mm stainless-steel chrome-coloured, Front dimension Ø 25 mm							
flush	convex / level with front ring	B	Screw	**82-6272.1000**	2	1	0.019 kg
		C	Screw	**82-6272.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-6282.1000**	2	1	0.023 kg
		C	Screw	**82-6282.2000**	2	2	0.023 kg

Front ring shape	Lens	Switching action	Terminal	Part No.	Component layout	Wiring diagram	Weight
**Pushbutton 22 mm Brass, Front dimension Ø 25 mm**						
flush	flat / level with front ring	B	Screw	**82-6352.1000**	2	1	0.018 kg
		C	Screw	**82-6352.2000**	2	2	0.018 kg
**Pushbutton 22 mm Brass, Front dimension Ø 25 mm**						
flush	flat / raised above fron ring	B	Screw	**82-6362.1000**	2	1	0.020 kg
		C	Screw	**82-6362.2000**	2	2	0.020 kg
**Pushbutton 22 mm Brass, Front dimension Ø 25 mm**						
flush	convex / level with front ring	B	Screw	**82-6372.1000**	2	1	0.019 kg
		C	Screw	**82-6372.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-6382.1000**	2	1	0.023 kg
		C	Screw	**82-6382.2000**	2	2	0.023 kg
**Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm**						
flush	flat / level with front ring	B	Screw	**82-6552.1000**	2	1	0.018 kg
		C	Screw	**82-6552.2000**	2	2	0.018 kg
**Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm**						
flush	flat / raised above fron ring	B	Screw	**82-6562.1000**	2	1	0.020 kg
		C	Screw	**82-6562.2000**	2	2	0.020 kg
**Pushbutton 22 mm Aluminium, Front dimension Ø 25 mm**						
flush	convex / level with front ring	B	Screw	**82-6572.1000**	2	1	0.019 kg
		C	Screw	**82-6572.2000**	2	2	0.019 kg
raised	convex / raised above front ring	B	Screw	**82-6582.1000**	2	1	0.023 kg
		C	Screw	**82-6582.2000**	2	2	0.023 kg

Switching action: B = Momentary, C = Maintained
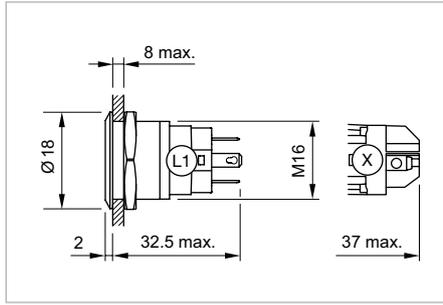The component layouts you will find from page 103
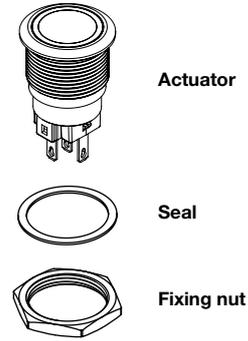
Wiring diagram 1   Wiring diagram 2
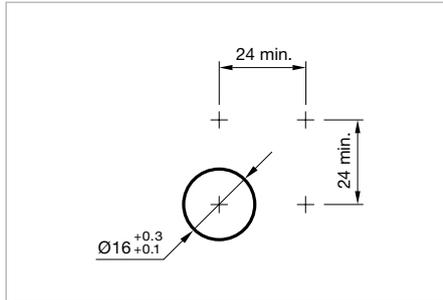
82 Flush design

Product can differ from the current configuration.

Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

• Contacts: 1 chanche over (NC/NO)

Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1146**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1156**	3	1	0.018 kg

Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.1256**	3	1	0.021 kg

Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2136**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2156**	3	2	0.018 kg

Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4151.2256**	3	2	0.021 kg

Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1116**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1156**	3	1	0.018 kg

Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.1256**	3	1	0.021 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2156	3	2	0.018 kg
Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-4251.2246	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4251.2256**	3	2	0.021 kg

Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1156**	3	1	0.018 kg

Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1236**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.1256**	3	1	0.021 kg

Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2156**	3	2	0.018 kg

Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2226**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4351.2256**	3	2	0.021 kg

Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1156**	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm					
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.1256**	3	1	0.021 kg
				Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2146**	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2156**	3	2	0.018 kg

Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-4551.2256**	3	2	0.021 kg

Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.1136**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1156	3	1	0.018 kg

Illuminated pushbutton 16 mm stainless-steel, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1246	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.1252	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.1253	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.1254	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.1255	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.1256	3	1	0.021 kg

Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4152.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4152.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4152.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4152.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4152.2126	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2156**	3	2	0.018 kg

Illuminated pushbutton 16 mm stainless-steel, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4152.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4152.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4152.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4152.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4152.2256**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1156	3	1	0.018 kg
				Illuminated pushbutton 16 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 18 mm					
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1216	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1222	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1223	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1224	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1225	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1226	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1232	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1233	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1234	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1235	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1236	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.1242	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.1243	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.1244	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.1245	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.1246	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.1256**	3	1	0.021 kg

Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.2156**	3	2	0.018 kg

Illuminated pushbutton 16 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4252.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4252.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4252.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4252.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4252.2226**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4252.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4252.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4252.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4252.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4252.2256	3	2	0.021 kg

Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1112	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1113	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1114	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1115	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1116	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1122	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1123	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1124	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1125	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1126	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1132	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1133	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1134	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1135	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1136	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1142	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1143	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1144	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1145	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1146	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1152	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1153	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1154	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1155	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1156	3	1	0.018 kg

Illuminated pushbutton 16 mm Brass, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-4352.1212	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-4352.1213	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-4352.1214	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-4352.1215	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-4352.1216	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.1256**	3	1	0.021 kg

Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2156**	3	2	0.018 kg

82 Flush design

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Illuminated pushbutton 16 mm Brass, maintain, Front dimension Ø 18 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4352.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4352.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4352.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4352.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4352.2256**	3	2	0.021 kg
Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1146**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1156**	3	1	0.018 kg

Illuminated pushbutton 16 mm Aluminium, momentary, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.1256**	3	1	0.021 kg

Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2136**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2156**	3	2	0.018 kg

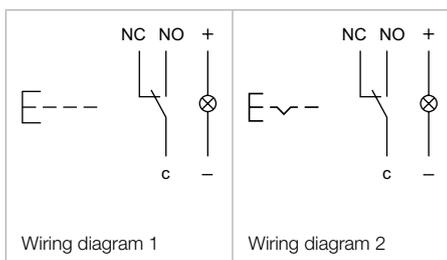### Illuminated pushbutton 16 mm Aluminium, maintain, Front dimension Ø 18 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-4552.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-4552.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-4552.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-4552.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-4552.2256**	3	2	0.021 kg

The component layouts you will find from page 103

Wiring diagram 1   Wiring diagram 2

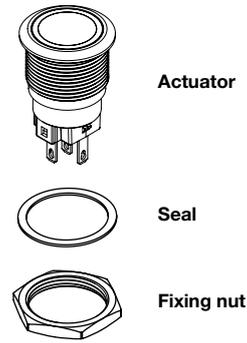## Illuminated pushbutton 19 mm, IP 65 & IP 67

Product can differ from the current configuration.

Dimensions [mm]
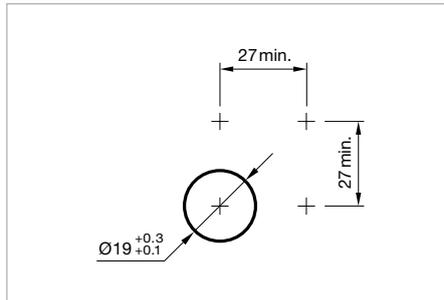L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

- Contacts: 1 chanche over (NC/NO)

Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1146**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1156**	3	1	0.018 kg

Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.1256**	3	1	0.021 kg

Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2136**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2156**	3	2	0.018 kg

Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5151.2256**	3	2	0.021 kg

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1126**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1156**	3	1	0.018 kg

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.1256**	3	1	0.021 kg

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2112	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2113	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2114	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2115	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2116	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2122	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2123	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2124	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2125	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2126	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2156	3	2	0.018 kg

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	82-5251.2246	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5251.2256**	3	2	0.021 kg

Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1156**	3	1	0.018 kg

Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1236**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.1256**	3	1	0.021 kg

Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2156**	3	2	0.018 kg

Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2226**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5351.2256**	3	2	0.021 kg

Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1156**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm					
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.1256**	3	1	0.021 kg
				Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2146**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2156**	3	2	0.018 kg

Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-5551.2256**	3	2	0.021 kg

Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1136**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1156**	3	1	0.018 kg

Illuminated pushbutton 19 mm stainless-steel, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.1256**	3	1	0.021 kg

Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5152.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5152.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5152.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5152.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5152.2126**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2132	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2133	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2134	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2135	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2136	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2142	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2143	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2144	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2145	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2146	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2152	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2153	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2154	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2155	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2156	3	2	0.018 kg

Illuminated pushbutton 19 mm stainless-steel, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2212	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2213	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2214	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2215	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2216	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2222	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2223	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2224	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2225	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2226	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2232	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2233	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2234	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2235	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2236	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2242	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2243	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2244	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2245	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2246	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	82-5152.2252	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	82-5152.2253	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	82-5152.2254	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	82-5152.2255	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	82-5152.2256	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1156**	3	1	0.018 kg

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1246**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.1256**	3	1	0.021 kg

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2156**	3	2	0.018 kg

Illuminated pushbutton 19 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2226**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5252.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5252.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5252.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5252.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5252.2256**	3	2	0.021 kg

Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1135**	3	1	0.018 kg
Ring with green LED	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1156**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 19 mm Brass, momentary, Front dimension Ø 22 mm					
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.1256**	3	1	0.021 kg
				Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2146**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2156**	3	2	0.018 kg

Illuminated pushbutton 19 mm Brass, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5352.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5352.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5352.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5352.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5352.2256**	3	2	0.021 kg

Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1136**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1156**	3	1	0.018 kg

Illuminated pushbutton 19 mm Aluminium, momentary, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.1256**	3	1	0.021 kg

Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm
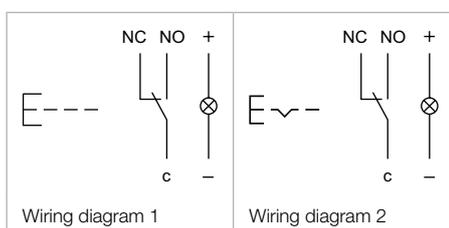
Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2126**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2156**	3	2	0.018 kg

Illuminated pushbutton 19 mm Aluminium, maintain, Front dimension Ø 22 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-5552.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-5552.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-5552.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-5552.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-5552.2256**	3	2	0.021 kg

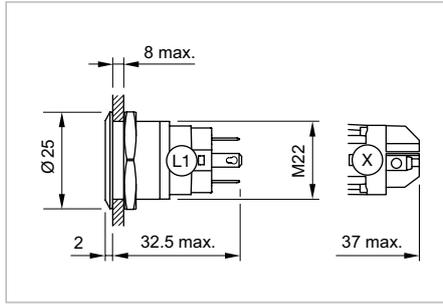The component layouts you will find from page 103
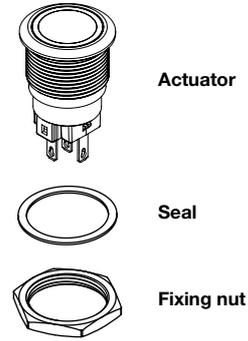
Wiring diagram 1   Wiring diagram 2
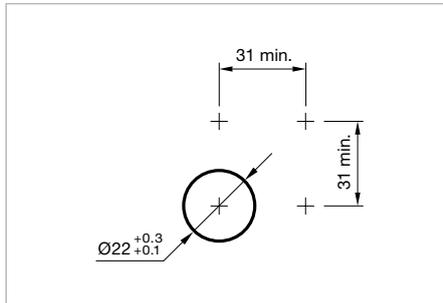
82 Flush design

Product can differ from the current configuration.

Dimensions [mm]
L1 = Solder/Plug-in terminal 2.8 x 0.5 mm,
X = Screw terminal

Equipment consisting of (schematic overview)

Actuator

Seal

Fixing nut

Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

- Contacts: 1 chanche over (NC/NO)

Mounting cut-outs [mm]

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1146**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1156**	3	1	0.018 kg

Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.1256**	3	1	0.021 kg

Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2136**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2156**	3	2	0.018 kg

Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6151.2256**	3	2	0.021 kg

Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1126**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1156**	3	1	0.018 kg

Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.1256**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2156**	3	2	0.018 kg
				Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm					
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2246**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6251.2256**	3	2	0.021 kg

Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1156**	3	1	0.018 kg

Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1236**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.1256**	3	1	0.021 kg

Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2156**	3	2	0.018 kg

Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2226**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6351.2256**	3	2	0.021 kg

Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1156**	3	1	0.018 kg

Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1216**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.1256**	3	1	0.021 kg

Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2156**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm									
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Solder 2.8 x 0.5 mm	**82-6551.2256**	3	2	0.021 kg
Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm									
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1146**	3	1	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1156**	3	1	0.018 kg

Illuminated pushbutton 22 mm stainless-steel, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.1256**	3	1	0.021 kg

Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Compo-nent layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2136**	3	2	0.018 kg

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Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2156**	3	2	0.018 kg

Illuminated pushbutton 22 mm stainless-steel, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6152.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6152.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6152.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6152.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6152.2256**	3	2	0.021 kg

Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1126**	3	1	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1156**	3	1	0.018 kg

Illuminated pushbutton 22 mm stainless-steel chrome-coloured, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.1256**	3	1	0.021 kg

Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2116**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2156**	3	2	0.018 kg

Illuminated pushbutton 22 mm stainless-steel chrome-coloured, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6252.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6252.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6252.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6252.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6252.2256**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm					
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1156**	3	1	0.018 kg
				Illuminated pushbutton 22 mm Brass, momentary, Front dimension Ø 25 mm					
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1226**	3	1	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1246**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.1256**	3	1	0.021 kg

Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2156**	3	2	0.018 kg

Illuminated pushbutton 22 mm Brass, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2236**	3	2	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6352.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6352.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6352.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6352.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6352.2256**	3	2	0.021 kg

Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1112**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1113**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1114**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1115**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1116**	3	1	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1122**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1123**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1124**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1125**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1126**	3	1	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1132**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1133**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1134**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1135**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1136**	3	1	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1142**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1143**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1144**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1145**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1146**	3	1	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1152**	3	1	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1153**	3	1	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1154**	3	1	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1155**	3	1	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1156**	3	1	0.018 kg

Illuminated pushbutton 22 mm Aluminium, momentary, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1212**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1213**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1214**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1215**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1216**	3	1	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1222**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1223**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1224**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1225**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1226**	3	1	0.021 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1232**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1233**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1234**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1235**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1236**	3	1	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1242**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1243**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1244**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1245**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1246**	3	1	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.1252**	3	1	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.1253**	3	1	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.1254**	3	1	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.1255**	3	1	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.1256**	3	1	0.021 kg

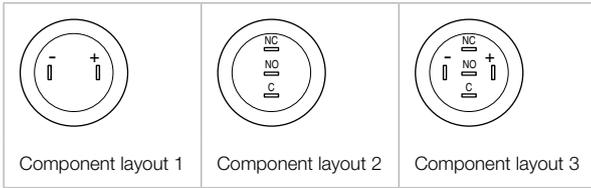### Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
Ring with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2112**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2113**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2114**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2115**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2116**	3	2	0.018 kg
Ring with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2122**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2123**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2124**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2125**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2126**	3	2	0.018 kg
Ring with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2132**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2133**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2134**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2135**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2136**	3	2	0.018 kg
Ring with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2142**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2143**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2144**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2145**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2146**	3	2	0.018 kg
Ring with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2152**	3	2	0.018 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2153**	3	2	0.018 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2154**	3	2	0.018 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2155**	3	2	0.018 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2156**	3	2	0.018 kg

Illumination	Operating voltage	Operation current	Front ring shape	Lens	Terminal	Part No.	Component layout	Wiring diagram	Weight
				Illuminated pushbutton 22 mm Aluminium, maintain, Front dimension Ø 25 mm					
Dot with red LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2212**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2213**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2214**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2215**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2216**	3	2	0.021 kg
Dot with blue LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2222**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2223**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2224**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2225**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2226**	3	2	0.021 kg
Dot with green LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2232**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2233**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2234**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2235**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2236**	3	2	0.021 kg
Dot with yellow LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2242**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2243**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2244**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2245**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2246**	3	2	0.021 kg
Dot with white LED	6 VAC/DC	15 mA	flush	flat / level with front ring	Screw	**82-6552.2252**	3	2	0.021 kg
	12 VAC/DC	14 mA	flush	flat / level with front ring	Screw	**82-6552.2253**	3	2	0.021 kg
	24 VAC/DC	10 mA	flush	flat / level with front ring	Screw	**82-6552.2254**	3	2	0.021 kg
	110 VAC	2 mA	flush	flat / level with front ring	Screw	**82-6552.2255**	3	2	0.021 kg
	230 VAC	1.3 mA	flush	flat / level with front ring	Screw	**82-6552.2256**	3	2	0.021 kg

The component layouts you will find from page 103

Wiring diagram 1

Wiring diagram 2

Drawings

Component layout 1	Component layout 2	Component layout 3
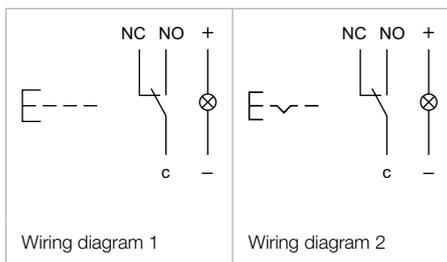
Switching system

Snap-action changeover contact normally closed / normally open.
Switching function momentary or maintain.

Material

Housing
Stainless-steel
Stainless-steel chrome-coloured
Brass gold-coloured
Aluminium natural anodized

Terminal housing
Polyamide 66 (PA66)

Contact material
Silver alloy

Mechanical characteristics

Mounting cut-out
Ø 16 mm +0.3/+0.1 mm
Ø 19 mm +0.3/+0.1 mm
Ø 22 mm +0.3/+0.1 mm

Terminals
Soldering/plug-in terminals 2.8 x 0.5 mm
Screw terminal

Tightening torque
5 Nm min. – 12 Nm max. for fixing nut

Actuating force
4 … 7 N

Actuating travel
3 mm

Mechanical lifetime
Pushbutton momentary   1 Mio. cycles of operation
Pushbutton maintain   500 000 cycles of operation

Resistance to heat of soldering
Hand-soldering max. 380 °C, 3 sek.

Electrical characteristics

Rated Operational Voltage U_e
250 VAC

Rated Insulation Voltage U_i
250 V

Illumination
LED red, green, blue, yellow and white
LED and series resistor with polarity protection are built in.

LED-Voltage	Tolerance	Current	Consumption
6 VAC/DC	±10 %	15 mA	0.1 W
12 VAC/DC	±10 %	14 mA	0.17 W
24 VAC/DC	±10 %	10 mA	0.24 W
110 VAC	±10 %	2 mA	0.22 W
230 VAC	±10 %	1.3 mA	0.29 W

Contact resistance
<50 mΩ

Electrical life
50 000 cycles of operation (full load)

Switch rating IEC 60947-5-1
Switch rating AC cosφ 0.3 service categorie AC-15

Voltage	Current
24 VAC	1 A
110 VAC	1 A
240 VAC	0.5 A

Switch rating DC service categorie DC-13

Voltage	Current
24 VDC	0.7 A
110 VDC	0.2 A
220 VDC	0.1 A

Switch rating UL 508
Switch rating AC cosφ 0.75 … 0.8)

Voltage	Current
125 VAC	5 A
250 VAC	3 A

Switch rating DC

Voltage	Current
24 VDC	1 A

Recommended minimum operational data
Silver contacts

Voltage   17 VAC/DC
Current   50 mA

Conventional free air thermal current I_{th}
5 A
The maximum current in continuous operation and at ambient
temperature must not exeed the quoted maximum values.

Electrical strength
1500 VAC, 50 Hz 1 min. between life terminals and ground

Isolation resistance
500 VDC at min. 10 MΩ according to IEC 60512-2

Environmental conditions

Storage temperature
-40 °C … +80 °C

Operating temperature
-30 °C … +70 °C

Front protection
IP 65 and IP 67, as per IEC 60529

Impact resistance
IK 10, as per IEC 62262

Shock resistance
max. 500 m/s2 according to IEC 60068-2-27

Degree of pollution
2, as per EN IEC 60947-1

Vibration resistance
10 … 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

Climate resistance
Damp heat, 21 days according to IEC 60512-11

Stainless steel and alumimium versions:
Saline mist, 96 hours according to IEC 60512-11

Brass versions:
Saline mist, 24 hours according to IEC 60512-11

Approvals

Approbations
CB
UL
C UL
CCC

Declaration of conformity
CE

EAO reserves the right to alter specifications without further notice.

Suppressor circuits

When switching inductive loads such as relays, DC motors, and DC solenoids, it is always important to absorb surges (e. g. with a diode) to protect the contacts. When these inductive loads are switched off, a counter emf can severely damage switch contacts and greatly shorten lifetime.

Fig. 1 shows an inductive load with a free-wheeling diode connected in parallel. This free-wheeling diode provides a path for the inductor current to flow when the current is interrupted by the switch. Without this free-wheeling diode, the voltage across the coil will be limited only by dielectric breakdown voltages of the circuit or parasitic elements of the coil. This voltage can be kilovolts in amplitude even when nominal circuit voltages are low (e. g. 12 VDC) see Fig. 2.

The free-wheeling diode should be chosen so that the reverse breakdown voltage is greater than the voltage driving the inductive load. The DC blocking voltage (VR) of the free-wheeling diode can be found in the datasheet of a diode. The forward current should be equal or greater than the maximum current flowing through the load.

To get an efficient protection, the free-wheeling diode must be connected as close as possible to the inductive load!

Switching with inductive load
Fig. 1
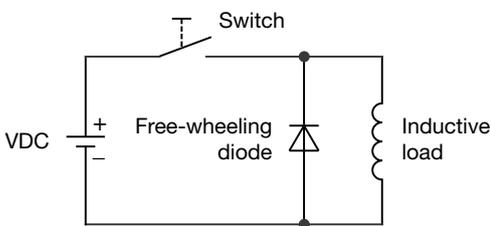
Counter EMF
over load without free-wheeling diode
Fig. 2

$$e = L \frac{di}{dt}$$

Index from Part No.

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