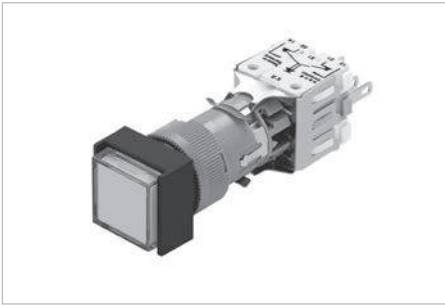
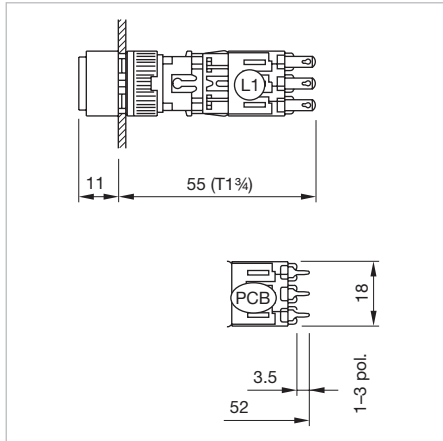


55 Raised design

Illuminated pushbutton square 18 x 18 mm

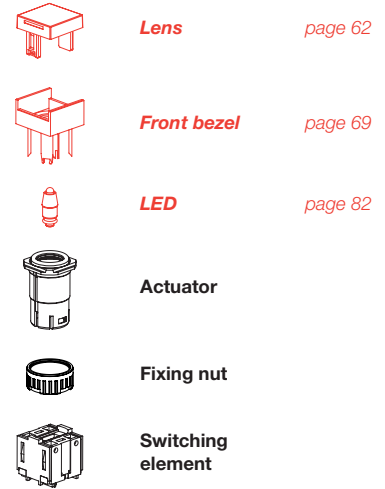


Product can differ from the current configuration.



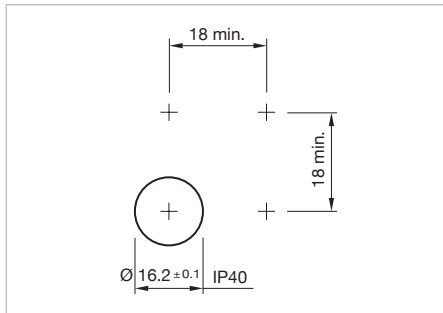
Dimensions [mm]
L1 = Solder terminal 2.8 x 0.5 mm,
PCB = Print terminal

Equipment consisting of (schematic overview)



Additional Information

- For the flush design please order the additional front bezel set, see chapter «Accessories»
- Protection degree IP 40/IP 65 is determined by front bezel and lens
- Maintain to momentary action is switchable, reversible



Mounting cut-outs [mm]

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

To obtain a complete unit, please select the red components from the pages shown.


Switching system	Behind panel depth	Contacts	Switching action	Lamp socket	Terminal	Part No.	Component layout	Wiring diagram	Weight
 Illuminated pushbutton actuator square, Front dimension 18 x 18 mm	52 mm	1 NC + 1 NO	C - B	T1 ¼ MG	PCB	901F.000-0P	1	1	0.013 kg
		2 NC + 2 NO	C - B	T1 ¼ MG	PCB	902F.000-0P	1	2	0.014 kg
		3 NC + 3 NO	C - B	T1 ¼ MG	PCB	903F.000-0P	1	3	0.014 kg
	55 mm	1 NC + 1 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	901F.000-00	1	0.013 kg	
		2 NC + 2 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	902F.000-00	2	0.014 kg	
		3 NC + 3 NO	C - B	T1 ¼ MG	Solder 2.8 x 0.5 mm	903F.000-00	3	0.015 kg	

Contacts: NC = Normally closed, NO = Normally open
Switching action: B = Momentary, C = Maintained
The component layouts you will find from page 107

Lens plastic IP40/IP65

Additional Information






- Lens IP 65 is supplied with fitted sealing gland.

Product attribute	Front protection	Dimension	Lens	Part No.	Weight
 <p>Lens plastic square</p>					
for button with front dimension 24 x 24 mm, flat, illuminative	IP 40	20.8 x 20.8 mm	orange translucent	200-9110-00	0.001 kg
			red translucent	200-9120-00	0.001 kg
			green translucent	200-9140-00	0.001 kg
			blue translucent	200-9150-00	0.001 kg
			white translucent	200-9160-00	0.001 kg
			yellow translucent	200-9170-00	0.001 kg
			red transparent	200-7220-00	0.001 kg
or button with front dimension 24 x 24 mm, flat, non illuminative	IP 40	20.8 x 20.8 mm	black opaque	200-9190-00	0.001 kg
or button with front dimension 24 x 24 mm, flat, illuminative	IP 40	20.8 x 20.8 mm	orange transparent	200-9210-00	0.001 kg
			red transparent	200-9220-00	0.001 kg
			green transparent	200-9240-00	0.001 kg
			white transparent	200-9260-00	0.001 kg
			yellow transparent	200-9270-00	0.001 kg

Front bezel

Additional Information

- Front bezel IP 65 is supplied with fitted sealing ring.

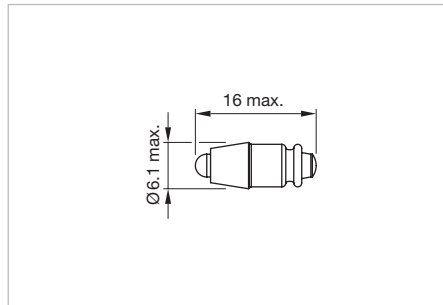
Product attribute	Front protection	Front bezel	Part No.	Weight
 <p>Front bezel square, 18 x 18 mm</p>	IP 40	Plastic grey	200-3000-00	0.002 kg
		Plastic black	200-4000-00	0.002 kg
 <p>Front bezel rectangular, 18 x 24 mm</p>	IP 40	Plastic grey	200-5000-00	0.002 kg
		Plastic black	200-6000-00	0.002 kg
 <p>Front bezel round, 18 mm</p>	IP 40	Plastic grey	200-1000-00	0.002 kg
		Plastic black	200-2000-00	0.002 kg
 <p>Front bezel square, 24 x 24 mm</p>	IP 40	Plastic grey	200-9000-00	0.002 kg
		Plastic black	200-0000-00	0.002 kg
	IP 65	Plastic grey	200-9000-W0	0.002 kg
		Plastic black	200-0000-W0	0.002 kg
 <p>Front bezel round, 24 mm</p>	IP 40	Plastic grey	200-7000-00	0.002 kg
		Plastic black	200-8000-00	0.002 kg
	IP 65	Plastic grey	200-7000-W0	0.002 kg
		Plastic black	200-8000-W0	0.002 kg

Illumination


LED T1 3/4 MG


Additional Information

- A suitable lamp remover Part No. 61-9740.0
- When using AC/DC types with AC operation, slight flickering can occur
- Luminous intensity data of the LEDs on direct voltage
- Electrical and optical data are measured at 25 °C
- If the 24VDC Bi-colour lamp is driven with normal polarity (plus on middle contact of the lamp) the first mentioned colour will light up, with inverted polarity the second colour will light up
- The specified versions are built with a protection diode (half wave rectifier) in series and the LED
- Luminosity and wave length variations caused by LED manufacturing processes may cause slight differences regarding the illumination




Dimensions [mm]


LED colour	Operating voltage	Operation current	Lumi. intensity	Dom. wavelength	Part No.	Weight
 <p>Single-LED</p>						
Single-LED red	6 VDC +10 %	15 mA ±15 %	350 mcd	630 nm	10-2J06.3142	0.002 kg
	12 VAC/DC +10 %	7/14 mA ±15 %	330 mcd	630 nm	10-2J09.1062	0.002 kg
	24 VAC/DC +10 %	7/14 mA ±15 %	330 mcd	630 nm	10-2J12.1062	0.002 kg
	28 VAC/DC +10 %	7/14 mA ±15 %	330 mcd	630 nm	10-2J13.1062	0.002 kg
	48 VAC/DC +10 %	4/8 mA ±15 %	200 mcd	630 nm	10-2J19.1042	0.002 kg
Single-LED yellow	6 VDC +10 %	15 mA ±15 %	300 mcd	587 nm	10-2J06.3144	0.002 kg
	12 VAC/DC +10 %	7/14 mA ±15 %	280 mcd	587 nm	10-2J09.1064	0.002 kg
	24 VAC/DC +10 %	7/14 mA ±15 %	280 mcd	587 nm	10-2J12.1064	0.002 kg
	28 VAC/DC +10 %	7/14 mA ±15 %	280 mcd	587 nm	10-2J13.1064	0.002 kg
	48 VAC/DC +10 %	4/8 mA ±15 %	180 mcd	587 nm	10-2J19.1044	0.002 kg
Single-LED green	6 VDC +10 %	7 mA ±15 %	1050 mcd	525 nm	10-2J06.3145	0.002 kg
	12 VAC/DC +10 %	4/7 mA ±15 %	1050 mcd	525 nm	10-2J09.1065	0.002 kg
	24 VAC/DC +10 %	4/7 mA ±15 %	1050 mcd	525 nm	10-2J12.1065	0.002 kg
	28 VAC/DC +10 %	4/7 mA ±15 %	1050 mcd	525 nm	10-2J13.1065	0.002 kg
	48 VAC/DC +10 %	2/4 mA ±15 %	600 mcd	525 nm	10-2J19.1045	0.002 kg
Single-LED blue	6 VDC +10 %	15 mA ±15 %	680 mcd	470 nm	10-2J06.3146	0.002 kg
	12 VAC/DC +10 %	7/14 mA ±15 %	650 mcd	470 nm	10-2J09.1066	0.002 kg
	24 VAC/DC +10 %	7/14 mA ±15 %	650 mcd	470 nm	10-2J12.1066	0.002 kg
	28 VAC/DC +10 %	7/14 mA ±15 %	650 mcd	470 nm	10-2J13.1066	0.002 kg
	48 VAC/DC +10 %	4/8 mA ±15 %	400 mcd	470 nm	10-2J19.1046	0.002 kg
Single-LED white	6 VDC +10 %	6 mA ±15 %	900 mcd	x0.31/y0.32 nm	10-2J06.3149	0.002 kg
	12 VAC/DC +10 %	3/6 mA ±15 %	900 mcd	x0.31/y0.32 nm	10-2J09.1069	0.002 kg
	24 VAC/DC +10 %	2.5/5 mA ±15 %	750 mcd	x0.31/y0.32 nm	10-2J12.1069	0.002 kg
	28 VAC/DC +10 %	2.5/5 mA ±15 %	750 mcd	x0.31/y0.32 nm	10-2J13.1069	0.002 kg
	48 VAC/DC +10 %	2/4 mA ±15 %	600 mcd	x0.31/y0.32 nm	10-2J19.1049	0.002 kg

LED colour	Operating voltage	Operation current	Lumi. intensity	Dom. wavelength	Part No.	Weight
 <p>Bi-colour LED</p>						
Bi-colour LED red/green	24 VDC +10 %	15/14 mA ±15 %	600/630 mcd	625/525 nm	10-A312.314A	0.002 kg

Filament lamp

Operating voltage	Operation current	Part No.	Weight
 <p>Filament lamp</p>			
6.3 VAC/DC	200 mA±10 %	10-1307.1369	0.001 kg
14 VAC/DC	80 mA±10 %	10-1310.1319	0.001 kg
28 VAC/DC	40 mA±10 %	10-1313.1249	0.001 kg
36 VAC/DC	30 mA±10 %	10-1316.1209	0.001 kg
48 VAC/DC	25 mA±10 %	10-1319.1199	0.001 kg

Diode element

Diode 1N4007	Terminal	Part No.	Weight
 <p>Diode element</p>			
2	Solder 2.8 x 0.5 mm	213F0900-00	0.003 kg