



BDF40-ST-10-NH-LT-LT-LT

- Flexibility thanks to mountable pushbutton cover caps in 12 colours
- Generous open spaces for easy labelling
- Quick and error-free installation thanks to M12 connector

Data

Ordering data

Product type description	BDF40-ST-10-NH-LT-LT-LT
Article number (order number)	103052203
EAN (European Article Number)	4030661643922

Approvals - Standards

Certificates	cULus
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General data

Standards	EN ISO 13850 EN IEC 60947-5-1 EN IEC 60947-5-5 EN IEC 60947-1
Climatic stress	DIN EN 60068
Versions	Assembly housing
Housing material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing

Positions used, position 1	Emergency stop pushbutton
Positions used, position 2	Illuminated pushbutton, color exchangeable
Positions used, position 3	Illuminated pushbutton; color exchangeable
Positions used, position 4	Illuminated pushbutton, color exchangeable
Gross weight	215 g

General data - Features

Emergency-Stop button	Yes
Safety functions	Yes

Safety classification

Standards	EN ISO 13849-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B _{10D} Normally-closed contact (NC)	50,000 Operations
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Mechanical data

Position of the cable gland	bottom
Mechanical life, Emergency-Stop button	50,000 Operations
Mechanical life, Command devices	1,000,000 Operations
Actuating stroke	1 mm
Actuating force, maximum	10 N
Mounting	Screws
Type of the fixing screws	2x M5
Tightening torque of the fastening screws for the housing cover, maximum	2.5 Nm

Mechanical data - Connection technique

Cable entry	M12 (A-coding)
Termination	Connector M12, 12-pole
Tightening torque of electrical connection, maximum	0.4 Nm

Mechanical data - Dimensions

Width	40 mm
Height	44 mm
Depth	215 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature	+25 ... +65 °C
Resistance to vibrations	5 g, 10 ... 500 Hz
Resistance to shock	15 g / 11 ms

Ambient conditions - Insulation values

Rated insulation voltage U_i	24 VDC
Rated impulse withstand voltage U_{imp}	0.25 kV
Overvoltage category	II
Degree of pollution	2

Electrical data

LED current consumption (operating elements)	10 mA
Rated operating voltage	24 VDC
Utilisation category DC-13	24 VDC
Utilisation category DC-13	0.1 A

External wire and device fuse rating	500mA FF
Switching principle	Slow action
Maximum switching frequency	1,000 /h

Other data

Note (applications)	Suitable for 40 mm profiles
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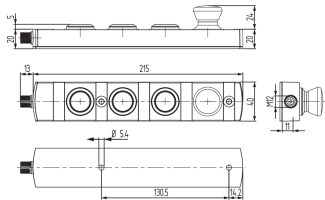
Pictures

Product picture (catalogue individual photo)



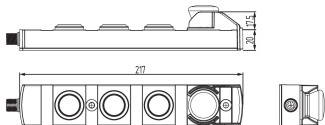
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 | 978.8 kB | .jpg | 352.778 x 1066.447 mm - 1000 x 3023 px - 72 dpi
 | 139.4 kB | .png | 74.083 x 223.661 mm - 210 x 634 px - 72 dpi
 | 20.9 kB | .jpg | 40.922 x 123.472 mm - 116 x 350 px - 72 dpi

Dimensional drawing basic component



ID: kbdf4g01
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Dimensional drawing basic component



ID: kbdf4g02
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