



BDF40-ST-10-LT-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-LT-LT-LT-LT
Article number (order number)	103052204
EAN (European Article Number)	4030661643939

Approvals - Standards

Certificates	cULus
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General data

Standards	EN IEC 60947-5-1 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	Illuminated pushbutton, replaceable color

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

Safety classification

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

Mechanical data

Position of the cable gland	bottom
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	25 mm
Depth	215 mm

Ambient conditions

Degree of protection	IP65
Resistance to vibrations	5 g, 10 ... 500 Hz
Restistance 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)



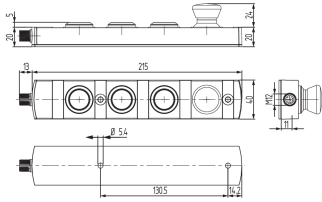
ID: kbdf4f04

| 1.1 MB | .jpg | 352.778 x 1066.447 mm - 1000 x 3023 px - 72 dpi

| 159.9 kB | .png | 74.083 x 223.661 mm - 210 x 634 px - 72 dpi

| 22.7 kB | .jpg | 40.922 x 123.472 mm - 116 x 350 px - 72 dpi

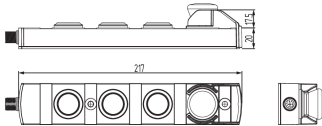
Dimensional drawing basic component



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| 115.3 kB | .jpg | 352.778 x 213.783 mm - 1000 x 606 px - 72 dpi

Dimensional drawing basic component



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| 91.4 kB | .jpg | 352.778 x 132.997 mm - 1000 x 377 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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