

## Ex command devices

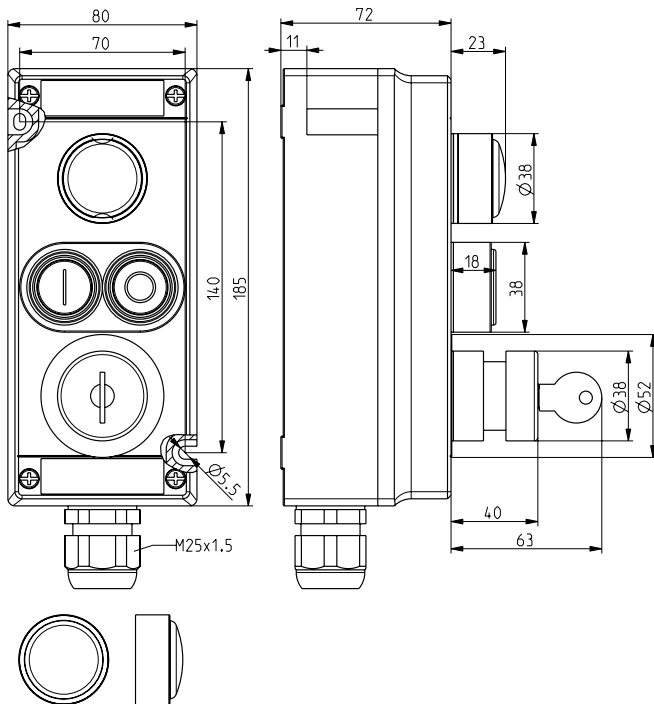
// Ex BF 80 3 LM/DDT/PZSTNA Ø 38 mm LED/1ÖS/1ÖS Order no.: 6830273009

### Features/Options

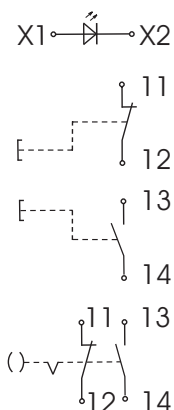
- Ex zone 1 and 2, as well as 21 and 22
- Polyester resin enclosure
- PU foam gaskets

- Actuator: 1 Indicating lamp LM, 1 Twin push-button DDT, 1 Mushroom stay-put button key release EM-STOP, Ø 38 mm PZSTNA
- 5 Caps in colour: transparent, yellow, red, green, blue included in the scope of delivery

### Dimensions



### Contact diagram



### Technical Data

#### Standards

EN 60079-0; EN 60079-1;  
EN 60079-5; EN 60079-7;  
EN 60079-11; EN 60079-18;  
EN 61241-0; EN 61241-1;  
EN ISO 13849-1

#### Enclosure

glass fibre-reinforced polyester resin

#### Protection class

IP 65 per IEC/EN 60529

#### Switching system

slow action,  
NC contact with positive break screw terminals

#### Connection

##### Rated wire section

max. 6 mm<sup>2</sup>

##### contact elements

(incl. conductor ferrules)

##### Rated wire section

max. 4 mm<sup>2</sup>

##### serial/connection clamps

##### Cable entry

M25 x 1.5

##### B<sub>10d</sub> (10% load)

6050

##### T<sub>M</sub>

max. 20 years

##### Mechanical life

50 000 operations

##### Temperature class

T6 / T5 / T4

#### Contact element

##### I<sub>e</sub>

23 A

##### U<sub>e</sub>

max. 500 V

##### Utilisation category

AC-1; DC-1

##### Rated operating

6 A/690 VAC; 6 A/220 VDC

##### current/voltage

#### Signalling device

##### I<sub>e</sub>

max. 16 A

##### U<sub>e</sub>

max. 750 V

##### Power consumption

max. 1.5 W

##### Frequency range

0 ... 60 Hz

#### Ambient temperature

T6: - 40 °C ... + 40 °C,  
T5: - 40 °C ... + 55 °C,  
- 50 °C ... + 60 °C on request

#### Ex marking

⊕ II 2G Ex edqm ia/ib [ia/ib]  
II, IIA, IIB, IIC, T6/T5/T4  
⊕ II 2D Ex tD A21 IP65  
T80°C, T95°C, T130°C

#### Approvals

PTB 10 ATEX 1018,  
IECEX in 2011

Errors and omissions excepted.