



Material number: 1181373 (Material number old: 72042301)

- Pretensioning force 100 N
- Lever for release and position indication
- Watertight collar
- Wire pull and breakage detection
- N.B.: Please state required approvals for Russia, China, Brazil and North America with your order!

[illegible]

Standards	EN 60947-5-1, -5; EN 60079-0, EN 60079-1, EN 60079-31; EN ISO 13850; EN ISO 13849-1
Enclosure	aluminium die-cast, enamel finish
Cover	glass-fibre reinforced, shock-proof thermoplastic (PA 66), self-extinguishing UL 94-V0
Switch insert	Ex 14
Degree of protection	IP 67 to IEC/EN 60529
Contact material	silver
Switching system	slow action, positive break NC contacts $\ominus$
Switching elements	1 NC/1 NO contact, type Zb
Connection	pre-wired cable H05VV-F
Cable cross-section	4 x 0.75 mm ² (incl. conductor ferrules)
Cable length	3 m
B _{10d} (10 % Load)	200 000
T _M	max. 20 years
U _{imp}	4 kV
U _i	250 V
I _{the}	T6: 6 A, T5: 3 A
Utilisation category	AC-15; DC-13
I _e /U _e	6 A/250 VAC; 0.25 A/230 VDC
Max. fuse rating	6 A gG/gN fuse
Ambient temperature	T6: -20 °C ... +65 °C, T5: -20 °C ... +75 °C, +90 °C with max. 3 A
Mechanical life	> 100 000 operations



Ex emergency grab-wire switch

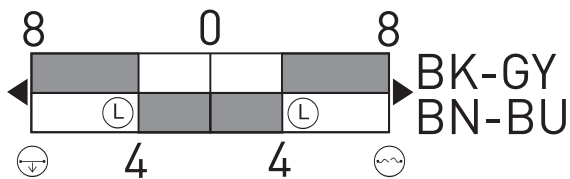
Ex ZS 80 1Ö/1S WVD - 3m

Material number: 1181373 (Material number old: 72042301)

Technical data

Max. wire length	100 m
Features	wire pull and breakage detection
Impact energy	max. 7 J
Ex marking	II 2G Ex d IIC T6/T5 Gb, II 2D Ex tb IIIC T80 °C/T95 °C Db IECEX Ex d IIC T6/T5 Gb, Ex tb IIIC T80 °C/T95 °C Db
Approvals	PTB 11 ATEX 1003 X IECEX PTB 07.0034 X
Weight	940 g

Switching diagram



Note:
At 5 m distance intermediate wire supports are required. One wire thimble is provided.