



Ex emergency grab-wire switch Ex ZS 80-3D

Features/Options:

- Ex zone 22
- Metal enclosure
- 2 contacts
- Position indicator and integrated emergency-stop push-button
- Wire length up to 100 m
- Spring force variant: 100 N
- Lever for release and position indication
- Watertight collar
- Wire pull and breakage detection

Technical data

Applied standards	EN 60079-0, EN 60079-31, EN 60947-5-1, EN 60947-5-5, EN ISO 13849-1, EN ISO 13850
Enclosure	aluminium die-cast, enamel finish
Cover	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Degree of protection	IP 65 (EN 60079-0 + IEC/EN 60529) IP 67 (IEC/EN 60529)
B_{10d} (10 % load)	200 000
T_M	max. 20 years
Switch insert	1 x Ex 14
Contact material	silver
Switching system	slow action, positive break NC contacts \ominus
Switching elements	1 NC/1 NO contact or 2 NC contacts, type Zb
Connection	pre-wired cable H05VV-F
Cable cross-section	4 x 0.75 mm ² (incl. conductor ferrules)
Cable length	3 m
Rated impulse withstand voltage U_{imp}	4 kV
Rated insulation voltage U_i	250 V
Conventional thermal current I_{the}	6 A
Utilisation category	AC-15
Rated operating current/voltage I_e/U_e	6 A/250 VAC; 0.25 A/230 VDC
Short-circuit protection	6 A gG/gN fuse
Ambient temperature	-20 °C ... +65 °C
Mechanical life	> 100 000 operations
Max. wire length	100 m
Impact energy	max. 7 J


Errors and omissions excepted.



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Ex marking

 II 3D Ex tc IIIC T80°C Dc