

Ex position switches with safety function // EEx T 356

Features/Options

- Ex zone 1 and 2, as well as 21 and 22
- Thermoplastic enclosure with metal cover
- Mounting dimensions and switching points to EN 50041
- Pre-wired cable available in various lengths
- Actuator heads can be repositioned in 4 x 90° steps
- Angle of offset roller lever can be adjusted in 10° steps
- Special version only for equipment category 3D, available for dust Ex zone 22

Technical data

Standards	IEC/EN 60947-5-1; EN 1088; EN 50014 EN 50018; EN 50019; EN 50281-1-1
Enclosure	glass-fibre reinforced, shock-proof thermoplastic, self-extinguishing
Cover	steel enamelled
Switch insert	EEx 13
Protection class	IP 65 according to IEC/EN 60529
Contact material	silver
Switching system	slow action, positive break NC contact ⊖
Switching elements	change-over contact with double break Zb, galvanically separated contact bridges
Connection	cable H05VV-F
B _{10d} (10% Load)	2 million
M	10 years
Cable section	4 x 0,75 mm ²
Cable length	2 or 5 m
U _{imp}	4 kV
U _i	250 V
I _{the}	6 A
I _e /U _e	6 A/250 VAC; 0.25 A/230 VDC
Utilisation category	AC-15, DC-13
Max. fuse rating	6 A gL/gG D-fuse
Ambient temperature	-20 °C ... +65 °C
Mechanical life	> 1 million operations
Switching frequency	1800/h
Repeat accuracy	±0.1 mm
Contact gap	max. 2 x 4.5 mm
Ex certification	⊕ II 2G EEx d IIC T6, II 2D IP65 T80°C
Approvals	PTB 03 ATEX 1068 X* *referring to the switch insert □

Errata and technical changes reserved.