



## Ex pull-wire switch Ex ZS 75

### Features/Options:

- Ex zone 1 and 21
- Metal enclosure
- 2 or 4 contacts
- Wire length up to 130 m
- Wire pull and breakage detection
- Watertight collar W for protection against penetration of dirt available
- Special version only for dust Ex zone 22 available
- Attention: Please state required international approvals with your order!

### Technical data

Applied standards	EN 60947-5-1, EN 60947-5-5, EN 60079-0, EN 60079-1, EN 60079-31, EN ISO 13850, EN ISO 13849-1
Enclosure	aluminium die-cast, powder-coated
Cover	aluminium die-cast, powder-coated
Degree of protection	IP 65 to IEC/EN 60529
$B_{10d}$ (10 % load)	2 million
$T_M$	max. 20 years
Contact material	silver
Switching system	slow action, positive break NC contacts $\ominus$
Switching elements	1 NC/1 NO contact or 2 NC/2 NO contacts, type Zb
Connection	pre-wired cable H05VV-F
Cable length	3 m
Cable cross-section	4 x 0.75 mm <sup>2</sup> (incl. conductor ferrules) per switch insert
Rated impulse withstand voltage $U_{imp}$	4 kV
Rated operating isolation voltage $U_i$	250 V
Conventional thermal current $I_{the}$	T6: 6 A, T5: 3 A
Utilisation category	AC-15; DC-13
Rated operating current/voltage $I_g/U_g$	6 A/250 VAC; 0.25 A/230 VDC
Short-circuit protection	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	> 1 million operations
Max. wire length	130 m
Impact energy	max. 7 J

Errors and omissions excepted.



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### Technical data

#### 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



### Ordering details

Without watertight collar

Type  
Ex ZS 75 1Ö/1S / 295-390 N - 3m  
Ex ZS 75 2Ö/2S / 295-390 N - 3m

Material no.  
1048306  
1048360

With watertight collar

Type  
Ex ZS 75 2Ö/2S W / 295-390 N - 3m

Material no.  
1048374

### Accessories



Cable Tensioner System TS 65  
5704

Type  
Cable Tensioner System TS 65







Material no.  
1186621

Errors and omissions excepted.



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### Accessories

	Tensioner	Type Tensioner M6 Tensioner M8 stainless steel	Material no. 1033254 1033300
	Pull-wire	Type Pull-wire Ø 5 mm per metre Pull-wire stainless steel Ø 5 mm per metre	Material no. 1032984 1033297
	Pull-wire set	Type Complete pull-wire set, 5 m Complete pull-wire set, 10 m Complete pull-wire set, 15 m Complete pull-wire set, 20 m Complete pull-wire set, 25 m Complete pull-wire set, 30 m Complete pull-wire set, 40 m Complete pull-wire set, 50 m	Material no. 1041628 1041633 1041634 1041645 1041635 1041641 1041647 1041642
	Pulley 3388	Type Pulley	Material no. 1041765
	Wire clamp	Type Wire clamp 3 mm Wire clamp 3 mm stainless steel	Material no. 1033247 1033299
	Duplex wire clamp 3410	Type Duplex wire clamp	Material no. 1033248

Errors and omissions excepted.



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### Accessories



Egg-shaped wire clamp 3412

Type  
Egg-shaped wire clamp

Material no.  
1181896



Wire thimble

Type  
Wire thimble 3 mm  
Wire thimble 3 mm stainless steel

Material no.  
1033245  
1172707



Eye bolt

Type  
Eye bolt M8 x 70 with nut  
Eye bolt BM8 x 70 with nut, stainless steel  
Eye bolt BM10 x 40 with nut

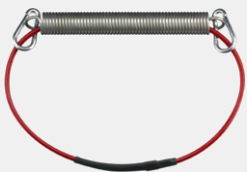
Material no.  
1170601  
1189687  
1032610



Eye bolt open

Type  
Eye bolt open M10 x 120 with 2 nuts

Material no.  
1279170



Compensation spring ZS 73/75

Type  
Compensation spring ZS 73/75-200N  
Compensation spring ZS 73/75-400N

Material no.  
1187931  
1187934