



Emergency pull-wire switch ZS 73

Features/Options:

- Metal enclosure
- 2 contacts
- Wire length up to 130 m
- 2 different spring force variants (actuating forces) available
- Release by push-button (VD) or key (VS) possible
- Available without unlocking mechanism (per EN 60947-5-1)
- Wire pull and breakage detection
- Indicator lamps for various voltages can be found in the chapter Accessories in the Appendix
- Watertight collar W for protection against penetration of dirt available
- With 2 cable entries available on request
- Ex version available
- Niro version available with pull-wire lever and screws made of stainless steel 1.4305 and hard-coated enclosure with enamel finish - see chapter [/ ZS 73 Niro hard-coated Extreme >](#)
- Version for low temperatures down to -40 °C available - see chapter [/ ZS 73 -40°C Extreme >](#)

Technical data

Standards	EN 60947-5-1, -5; 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
Degree of protection	ZS 73 WVD: IP 65; ZS 73 VD, ZS 73 VS and ZS 73 WVS: IP 54 to IEC/EN 60529
Contact material	silver
Switching elements	1 NC/1 NO contact or 2 NC contacts
Switching system	snap action, positive break NC contacts ⊖
Connection	screw connection terminals
Cable cross-section	max. 2.5 mm ² (incl. conductor ferrules)
Cable entry	1 x M16 x 1.5
B _{10d} (10 % Load)	200 000
T _M	max. 20 years
U _{imp}	6 kV
U _i	400 V
I _{the}	6 A
Utilisation category	AC-15
I _e /U _e	6 A/400 VAC
Max. fuse rating	6 A gG/gN fuse
Ambient temperature	-25 °C ... +70 °C
Mechanical life	> 100 000 operations
Indicator lamp	as option

Errors and omissions excepted.



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Technical data

Max. wire length	130 m
Features	wire pull and breakage detection
Approvals	



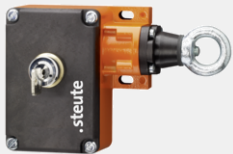
Ordering details



Release by push-button

Type
 ZS 73 1Ö/1S VD / 295-390 N
 ZS 73 1Ö/1S VD / 120-180 N
 ZS 73 2Ö VD / 295-390 N
 ZS 73 2Ö VD / 120-180 N

Material no.
 1048208
 1048218
 1048242
 1163665



Release by key

Type
 ZS 73 1Ö/1S VS / 295-390 N
 ZS 73 1Ö/1S VS / 120-180 N
 ZS 73 2Ö VS / 295-390 N
 ZS 73 2Ö VS / 120-180 N

Material no.
 1048209
 on request
 1052621
 on request



Release by push-button +
watertight collar

Type
 ZS 73 1Ö/1S WVD / 295-390 N
 ZS 73 1Ö/1S WVD / 120-180 N
 ZS 73 2Ö WVD / 295-390 N
 ZS 73 2Ö WVD / 120-180 N

Material no.
 1048225
 1048233
 1048249
 1048258



Release by key + watertight
collar

Type
 ZS 73 1Ö/1S WVS / 295-390 N
 ZS 73 1Ö/1S WVS / 120-180 N
 ZS 73 2Ö WVS / 295-390 N
 ZS 73 2Ö WVS / 120-180 N

Material no.
 1048226
 on request
 on request
 on request



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Accessories



Cable Tensioner System TS 65
5704

Type
Cable Tensioner System TS 65

Material no.
1186621



Tensioner

Type
Tensioner M6
Tensioner M8 stainless steel

Material no.
1033254
1033300



Indicator lamp glow lamp

Type
Indicator lamp glow lamp 24 VDC

Material no.
1164937



Indicator lamp 24 V

Type
Indicator lamp 24 VAC DC

Material no.
1348797



Indicator lamp Multi-LED red







Type
Indicator lamp Multi-LED RD 24 VDC
Indicator lamp Multi-LED RD 115 VAC
Indicator lamp Multi-LED RD 230 VAC

Material no.
1169219
1169221
1178917



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Accessories

	Indicator lamp Multi-LED white	Type Indicator lamp Multi-LED WH 24 VDC Indicator lamp Multi-LED WH 115 VAC Indicator lamp Multi-LED WH 230 VAC	Material no. 1169220 1169222 1178916
	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	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	Type Duplex wire clamp	Material no. 1033248

Errors and omissions excepted.



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Accessories



Egg-shaped wire clamp

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

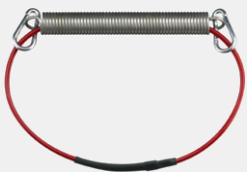
Material no.
1170601
1189687
1032610



Eye bolt open

Type
Eye bolt open M10 x 55 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