



Emergency pull-wire switch ZS 71

Features/Options:

- Metal enclosure
- 3 contacts
- Small design
- Wire length up to 35 m
- Release by push-button (VD) or key (VS) possible
- Available without unlocking mechanism (to EN 60947-5-1)
- Wire pull and breakage detection
- Watertight collar W for protection against penetration of dirt available
- Ex version available
- Version with higher degree of protection IP 69 available - see chapter [/ ZS 71 IP69 Niro Extreme >](#)
- Version for low temperatures down to -40 °C with high degree of protection IP 67 available - see chapter [/ ZS 71 IP67 -40°C Extreme >](#)

Technical data

Applied standards	EN 60947-5-1, -5; EN ISO 13850; EN ISO 13849-1
Enclosure	aluminium die-cast, powder-coated
Cover	glass-fibre reinforced, shock-proof thermoplastic, self-extinguishing UL 94 V-0
Degree of protection	ZS 71 VD and WVD: IP 65; ZS 71 VS and WVS: IP 54 to IEC/EN 60529
Contact material	silver
Switching system	snap action, positive break NC contacts $\ominus$
Switching elements	2 NC/1 NO contact, type Zb
Connection	screw connection terminals
Cable cross-section	max. 2.5 mm ² (incl. conductor ferrules)
Cable entry	2 x M20 x 1.5
B _{10d} (10 % load)	200 000
T _M	max. 20 years
Rated impulse withstand voltage U _{imp}	6 kV
Rated operating isolation voltage U _i	400 V
Conventional thermal current I _{the}	2 A
Utilisation category	AC-15
Rated operating current/voltage I _e /U _e	2 A/250 VAC
Short-circuit protection	2 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 35 m

Approvals



Ordering details



Release by push button

Type
ZS 71 2Ö/1S VD / 100 N

Material no.
1185002



Release by push button +
watertight collar

Type
ZS 71 2Ö/1S WVD / 100 N

Material no.
1185001



Release by key

Type
ZS 71 2Ö/1S VS / 100 N

Material no.
1188704



Release by key + watertight
collar

Type
ZS 71 2Ö/1S WVS / 100 N

Material no.
1188725



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Ordering details



Release by push button +
position indicator

Type
ZS 71 2Ö/1S VD-A / 100 N

Material no.
1187956



Release by push button +
watertight collar + position
indicator

Type
ZS 71 2Ö/1S WVD-A / 100 N

Material no.
1182987



Release by key + position
indicator

Type
ZS 71 2Ö/1S VS-A / 100 N

Material no.
1188726

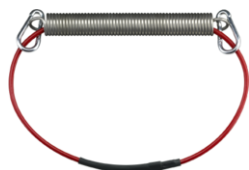


Release by key + watertight
collar + position indicator

Type
ZS 71 2Ö/1S WVS-A / 100 N

Material no.
1188727

Accessories



Compensation spring ZS 71

Type
Compensation spring ZS 71-100N
Compensation spring ZS 71 Niro-100N

Material no.
1187921
1387683



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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



Indicator lamp Multi-LED white

Type
Indicator lamp Multi-LED WH 24 VDC

Material no.
1169220



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Accessories



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



Egg-shaped wire clamp 3412

Type
Egg-shaped wire clamp

Material no.
1181896



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Accessories



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 70 with 2 nuts

Material no.
1279170