



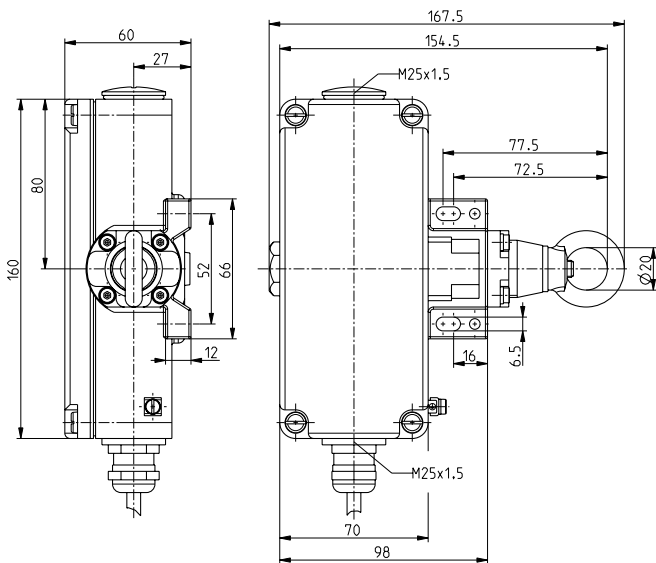
Ex nouzové tahové lankové spínače Ex ZS 75

Vlastnosti/možnosti

- Ex zone 1 and 21
- Metal enclosure
- 2 or 4 contacts
- Wire length up to 130 m
- 2 various spring force variants (actuating forces) available
- Release by push-button (VD) possible

- Available without unlocking mechanism (per EN 60947-5-1)
- Wire pull and breakage detection
- Watertight collar W for protection against penetration of dirt available
- Special version only for dust Ex zone 22 available
- N.B.: Please state required approvals for Russia, China, Brazil and North America with your order!

Rozměry



Technická data

Standards	EN 60947-5-1, -5; EN 60079-0, EN 60079-1, EN 60079-31; EN ISO 13850; EN ISO 13849-1
Enclosure	aluminium die-cast, enamel finish
Cover	aluminium die-cast, enamel finish
Switch insert	Ex 14
Degree of protection	Ex ZS 75 WVD: IP 65 to IEC/EN 60529; Ex ZS 75 VD: IP 54 to IEC/EN 60529
Contact material	silver
Switching system	slow action, positive break
Switching elements	NC contacts ⊖ change-over contact with double break or 2 NC/2 NO or 4 NC contacts
Connection	cable H05VV-F, length 3 m
Cable cross-section	4 x 0.75 mm ² (incl. conductor ferrules) per switch insert
B _{10d} (10 % Load)	Ex ZS 75: 2 million Ex ZS 75 VD: 200.000
T _M	max. 20 years
U _{imp}	4 kV
U _i	250 V
I _{the}	T6: 6 A, T5: 3 A
Utilisation category	AC-15; DC-13
I _e /U _e	6 A/250 VAC; 0.25 A/230 VDC
Max. fuse rating	6 A gG/gN fuse
Ambient temperature	T6: -20 °C ... +65 °C, T5: -20 °C ... +90 °C
Mechanical life	Ex ZS 75: > 1 million operations Ex ZS 75 VD: > 100.000 operations
Max. wire length	130 m
Features	wire pull and breakage detection
Ex marking	⊕ II 2G Ex d IIC T6/T5 Gb, ⊕ II 2D Ex tb IIIC T80 °C/T95 °C Db IP65 IECEX Ex d IIC T6/T5 Gb, Ex tb IIIC T80 °C/T95 °C Db IP65
Approvals	PTB 11 ATEX 1003 X IECEX PTB 07.0034 X



Omyl a technické změny vyhrazeny.

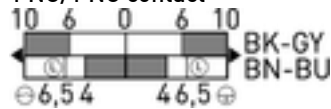


Ex nouzové tahové lankové spínače Ex ZS 75

Ordering details

Slow action

1 NC/1 NO contact



Typ

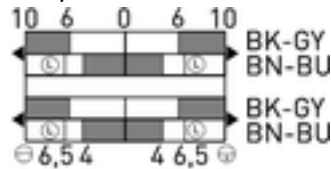
Ex ZS 75 1Ö/1S / 295-390 N - 3m
Ex ZS 75 1Ö/1S / 120-180 N - 3m
Ex ZS 75 1Ö/1S W / 295-390 N - 3m
Ex ZS 75 1Ö/1S W / 120-180 N - 3m
Ex ZS 75 1Ö/1S VD / 295-390 N - 3m
Ex ZS 75 1Ö/1S VD / 120-180 N - 3m
Ex ZS 75 1Ö/1S WVD / 295-390 N - 3m
Ex ZS 75 1Ö/1S WVD / 120-180 N - 3m

Číslo materiálu

1048306
na vyžádání
na vyžádání
na vyžádání
1048304
na vyžádání
1048318
1185780

Slow action

2 NC/2 NO contacts



Typ

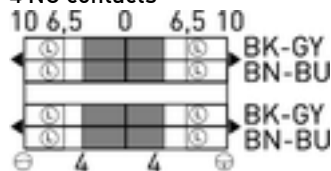
Ex ZS 75 2Ö/2S / 295-390 N - 3m
Ex ZS 75 2Ö/2S / 120-180 N - 3m
Ex ZS 75 2Ö/2S W / 295-390 N - 3m
Ex ZS 75 2Ö/2S W / 120-180 N - 3m
Ex ZS 75 2Ö/2S VD / 295-390 N - 3m
Ex ZS 75 2Ö/2S VD / 120-180 N - 3m
Ex ZS 75 2Ö/2S WVD / 295-390 N - 3m
Ex ZS 75 2Ö/2S WVD / 120-180 N - 3m

Číslo materiálu

1048360
na vyžádání
1048374
na vyžádání
1048357
1053548
1048370
1048393

Slow action

4 NC contacts



Typ

Ex ZS 75 4Ö / 295-390 N - 3m
Ex ZS 75 4Ö / 120-180 N - 3m
Ex ZS 75 4Ö W / 295-390 N - 3m
Ex ZS 75 4Ö W / 120-180 N - 3m
Ex ZS 75 4Ö VD / 295-390 N - 3m
Ex ZS 75 4Ö VD / 120-180 N - 3m
Ex ZS 75 4Ö WVD / 295-390 N - 3m
Ex ZS 75 4Ö WVD / 120-180 N - 3m

Číslo materiálu

na vyžádání
na vyžádání
na vyžádání
na vyžádání
na vyžádání
1189862
1182047
na vyžádání



Ex nouzové tahové lankové spínače Ex ZS 75

Accessories

Cable Tensioner System TS 65



Typ
Cable Tensioner System TS 65

Číslo materi
álu
1186621

Tensioner



Typ
Tensioner M6
Tensioner M8 stainless steel

Číslo materi
álu
1033254
1033300

Pull-wire



Typ
Pull-wire Ø 5 mm per metre
Pull-wire stainless steel Ø 5 mm per metre

Číslo materi
álu
1032984
1033297

Pull-wire set



Typ
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

Číslo materi
álu
1041628
1041633
1041634
1041645
1041635
1041641
1041647
1041642

Yellow pull-wire with ball and mounting
clamp



Typ
Yellow pull-wire with ball and mounting clamp - 1 m
Yellow pull-wire with ball and mounting clamp - 2 m
Yellow pull-wire with ball and mounting clamp - 3 m
Yellow pull-wire with ball and mounting clamp - 4 m

Číslo materi
álu
1041764
1167653
1167654
1160281



Ex nouzové tahové lankové spínače Ex ZS 75

Accessories

Pulley



Typ
Pulley

Číslo materi
álu
1041765

Wire clamp



Typ
Wire clamp 3 mm
Wire clamp 3 mm stainless steel

Číslo materi
álu
1033247
1033299

Duplex wire clamp



Typ
Duplex wire clamp

Číslo materi
álu
1033248

Egg-shaped wire clamp



Typ
Egg-shaped wire clamp

Číslo materi
álu
1181896

Wire thimble



Typ
Wire thimble 3 mm
Wire thimble 3 mm stainless steel

Číslo materi
álu
1033245
1172707



Ex nouzové tahové lankové spínače Ex ZS 75

Accessories

Eye bolt



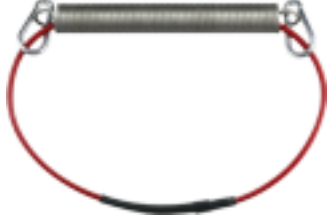
Typ

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

Číslo materi

álu
1170601
1189687
1032610

Compensation spring ZS 73/75



Typ

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

Číslo materi

álu
1187931
1187934