







Emergency pull-wire switch ZS 80

Features/Options:

- Metal enclosure
- 4 contacts
- Position indicator and integrated emergency-stop push button
- Wire length up to 100 m
- Spring force variant: 100 N
- Lever for release and position indication
- Watertight collar
- Wire pull and breakage detection
- Corrosion-resistant version with high degree of protection IP 67 available - see chapter [/ ZS 80 KST IP67 Niro Extreme >](#)

Technical data

Applied standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850, EN ISO 13849-1
Enclosure	aluminium die-cast, powder-coated
Cover	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Degree of protection	IP 67 to IEC/EN 60529
B_{10d} (10 % load)	200 000
T_M	max. 20 years
Contact material	silver
Switching elements	2 NC/2 NO, 3 NC/1 NO or 4 NC contacts, type Zb
Switching system	slow action, positive break NC contacts \ominus
Connection	2 x 4 pole terminal block
Cable cross-section	max. 2.5 mm ² (incl. conductor ferrules)
Cable entry	3 x M20 x 1.5
Rated impulse withstand voltage U_{imp}	2.5 kV
Rated insulation voltage U_i	250 V
Conventional thermal current I_{the}	2 A
Utilisation category	AC-15; DC-13
Rated operating current/voltage I_g/U_g	2 A/250 VAC; 0.25 A/230 VDC; 2 A/24 VDC
Short-circuit protection	2 A gG/gN fuse
Ambient temperature	-25 °C ... +70 °C
Mechanical life	> 100 000 operations
Indicator lamp	as option
Max. wire length	100 m
Approvals	   

Errors and omissions excepted.