

Datasheet - Emergency Pull-Wire Switch Extreme - ZS 92 S KST

ZS 92 S KST -40°C ... +70°C IP66/67 Extreme

Features/Options:

- Temperature resistant from -40 °C to +70 °C
- High degree of protection IP 66 / IP 67
- Thermoset enclosure
- Double insulated
- Screws made of stainless steel
- Wire length up to 2 x 100 m
- Release by lever
- F1 = blue reset lever on front side (left)
- B1 = blue reset lever at the back side (up)
- Back and base mounting possible
- Wire pull and breakage detection
- Version with Si-Bus available on request

Technical data

Applied standards	EN 60947-5-1, EN 60947-5-5, EN ISO 13850, EN ISO 13849-1, EN 620:2011-5.7.2.9, AS 1755-2000-2.7.9.1, AS/NZS 4024.3610:2015-2.10.6.2
Enclosure	thermoset, grey, similar to RAL 7035
Cover	thermoset, enamel finish, yellow, similar to RAL 1012
Actuating lever	thermoset, signal red, similar to RAL 3001
Reset lever	thermoset, sky blue, similar to RAL 5015
Screws	stainless steel
Tightening torque	cover screws: max. 2.5 Nm
Degree of protection	IP 66/67 to IEC/EN 60529
B _{10d} (10 % load)	100 000
T _M	max. 20 years
Safety class	II
Switching elements	2 NC/2 NO or 3 NC/1 NO contact, type Zb; Si-Bus: 2 NC contacts, type Zb
Switching system	snap action, positive break NC contacts \ominus
Connection	screw connection terminals; with Si-Bus: screw connection terminals, basic strip to connect Dupline Safe input module with connector (see accessories)
Cable cross-section	0.34 ... 2.5 mm ² (incl. conductor ferrules)
Cable entry	2 x M25 x 1.5
Rated impulse withstand voltage U _{imp}	6 kV; with Si-Bus: 4 kV
Rated insulation voltage U _i	500 V; with Si-Bus: 250 V
Conventional thermal current I _{the}	10 A
Utilisation category	AC-15; DC-13

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Rated operating current/voltage I_e/U_e	AC-15: 24 V-10 A/120 V-6 A/400 V-4 A DC-13: 24 V-6A/125 V-0.55 A/250 V-0.4 A Minimum electrical load: 5 V/10 mA Si-Bus: 6 A/250 VAC
Conditional short-circuit current	1000 A
Short-circuit protection	10 A gG/gL fuse
Mechanical life	> 50 000 operation
Max. wire length	2 x 100 m
Ambient temperature	-40 °C ... +70 °C
Degree of pollution	3
Actuating force	actuating lever approx. 30 N; reset lever approx. 40 N
Indicator lamp	as option
Pressure equalization element	as option
Approvals	