

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

### ZS 92 S -40°C ... +85°C IP66/67 Extreme

#### Features/Options:

- Temperature resistant from -40 °C to +85 °C
- High degree of protection IP 66 / IP 67 / IP 69
- Corrosion-resistant aluminium enclosure
- Screws made of stainless steel
- Wire length up to 2 x 100 m
- Release by lever
- F = Reset lever at the front side
- B = Reset lever at the back side
- 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	aluminium die-cast, corrosion-resistant, powder-coated, passivated, shock-proof, anthracite grey, similar to RAL 7016
Cover	aluminium die-cast, corrosion-resistant, powder-coated, passivated, shock-proof, signal yellow, similar to RAL 1003
Actuating lever	aluminium die-cast, corrosion-resistant, powder-coated, passivated, shock-proof, signal red, similar to RAL 3001
Reset lever	aluminium die-cast, corrosion-resistant, powder-coated, passivated, shock-proof, sky blue, similar to RAL 5015
Screws	stainless steel
Tightening torque	cover screws: max. 2.5 Nm actuator screws: max. 6 Nm
Degree of protection	IP 66/67/69 to IEC/EN 60529
B <sub>10d</sub> (10 % load)	100 000
T <sub>M</sub>	max. 20 years
Contact material	silver, with Si-Bus: silver, gold-plated
Switching system	snap action, positive break NC contacts ⊖
Switching elements	2 NC/2 NO or 3 NC/1 NO contact, type Zb; Si-Bus: 2 NC contacts, type Zb
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	0.5 ... 2.5 mm <sup>2</sup> (incl. conductor ferrules)
Cable entry	2 x M25 x 1.5
Rated impulse withstand voltage U <sub>imp</sub>	6 kV; with Si-Bus: 4 kV
Rated insulation voltage U <sub>i</sub>	400 V; with Si-Bus: 250 V
Conventional thermal current I <sub>the</sub>	6 A
Conditional short-circuit current	1100 A

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

### Technical data

Rated operating current/voltage $I_e/U_e$	6 A/400 VAC; with Si-Bus: 6 A/250 VAC
Utilisation category	AC-15
Short-circuit protection	6 A gG/gN fuse
Mechanical life	> 50 000 operation
Max. wire length	2 x 100 m
Ambient temperature	-40 °C ... +85 °C Si-Bus: with Si-Bus -40°C ... +70°C; without Si-Bus -40°C ... +85°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

