



Ex solenoid interlocks

Ex STM 295 2Ö/2S-R

Material number: 1186429 (Material number old: 95353307)

Features/Options:

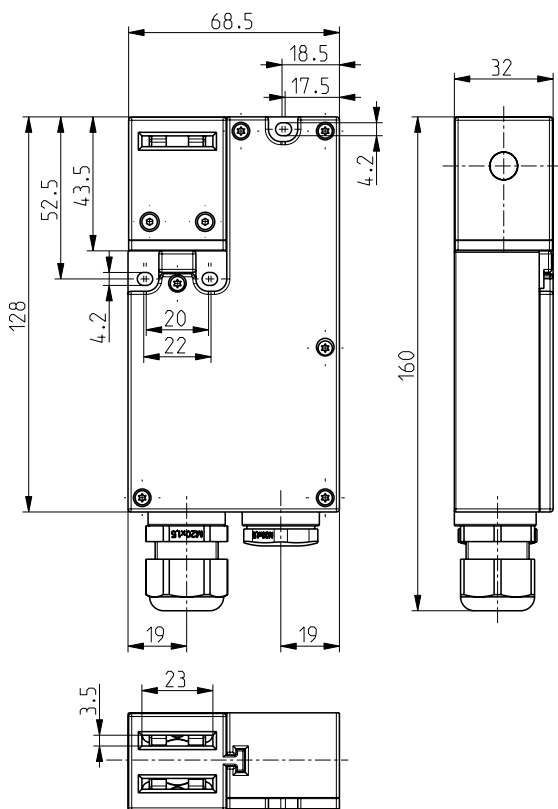
- Ex zone 1 and 21
- Thermoplastic enclosure
- Double insulated
- Two Ex switch inserts in one enclosure

- Spring-to-lock principle
- Holding force 1000 N
- Wiring compartment
- N.B.: Please state required approvals for Russia, Brazil and North America with your order!

Notes

- The actuator is not included in the delivery of the switches

Dimensions



Technical data

Standards	EN 60947-5-1; EN ISO 14119; EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-18; EN 61241-0, EN 61241-1; EN ISO 13849-1
Enclosure	glass-fibre reinforced, shock-proof thermoplastic (PA 66), self-extinguishing UL 94-V0
Switch type	type 2
Coding level	low coding
Switch insert	Ex 95
Degree of protection	IP 64 to IEC/EN 60529
Contact material	silver
Switching system	slow action, positive break NC contacts \ominus
Switching elements	2 NC/2 NO contacts, galvanically separated contact bridges
Connection	screw connection terminals
Cable cross-section	max. 1.5 mm ² (incl. conductor ferrules)
Cable entry	2 x M20 x 1.5 for cable diameter 5 ... 9 mm
B _{10d} (10 % Load)	1 million
T _M	max. 20 years
U _{imp}	4 kV
U _i	250 V
I _{the}	3 A
I _e /U _e	3 A/250 VAC; 0.25 A/230 VDC
Utilisation category	AC-15; DC-13



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Max. fuse rating	6 A gG/gN fuse
I_e/U_e magnet	0.08 A / 24 VDC +10 %/-15 %
Power consumption	max. 47 W (0.25 s)
Ambient temperature	-20 °C ... +55 °C
Mechanical life	> 500 000 operations
Holding force F	max. 1000 N
Impact energy	max. 7 J
Ex marking	⊕ II 2G Ex demb IIC T4 Gb, ⊕ II 2D Ex tD A21 IP64 T100 °C IECEX Ex demb IIC T4, Ex tD A21 IP64 T100 °C
Approvals	BVS 10 ATEX E 053 X IECEX BVS 11.0030X
Weight	444 g

Contact diagram

