



Ex solenoid interlock
Ex AZM 415 1Ö1S/1Ö1S R-FE/TEI
Material number: 1181998 (Material number old: 94353308)

Technical data

Rated impulse withstand voltage U_{imp}	4 kV
Rated insulation voltage U_i	250 V
Conventional thermal current I_{the}	6 A
Utilisation category	AC-15; DC-13
Rated operating current/voltage I_e/U_e	enabling/signalling contacts: 6 A/250 VAC; 0.25 A/230 VDC; direct-current solenoid: 0.08 A / 24 VDC $\pm 10\%$
Short-circuit protection	6 A gG/gN fuse; direct-current solenoid: 2 A (slow blow)
Power consumption	max. 12 W (0.25 s)
Ambient temperature	T6: $-20\text{ }^\circ\text{C} \dots +40\text{ }^\circ\text{C}$; T5: $-20\text{ }^\circ\text{C} \dots +55\text{ }^\circ\text{C}$
Operation cycles	max. 1200/h
Drop-out delay	< 50 ms
Mechanical life	> 1 million operations
Locking force F_{max}	3500 N
Locking force of integrated ball 50 - 200 N, adjustable catch	
Impact energy	max. 7 J
Ex marking	II 2G Ex demb IIC T6/T5 Gb, II 2D Ex tb IIIC T80 $^\circ\text{C}$ /T95 $^\circ\text{C}$ Db IP67/64 IECEX Ex demb IIC T6/T5 Gb, Ex tb IIIC T80 $^\circ\text{C}$ /T95 $^\circ\text{C}$ Db IP67/64
Approvals	DMT 02 ATEX E 255 X IECEX BVS 07.0018X
Weight	1350 g

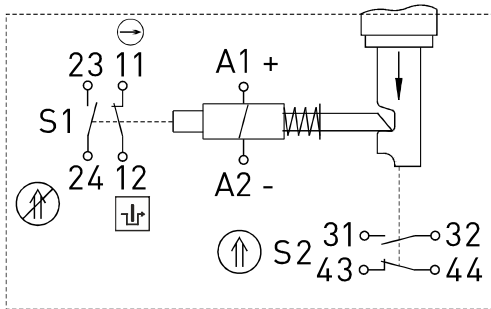


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Contact diagram



⊖ positive break

⬆ actuated

⊘ not actuated

⊞ monitoring of the guard-lock to EN ISO 14119