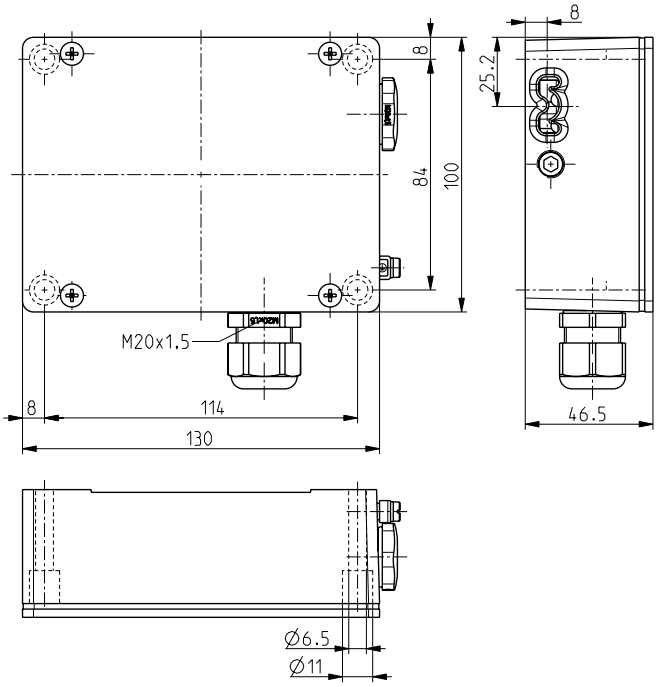
Ex solenoid interlocks
// Ex AZM 415 2Ö/2S A Order no.: 94353302

Features/Options

- Ex zone 1 and 21
- Two Ex switch inserts in one enclosure
- Power-to-lock principle
- Problem-free opening of stressed doors by means of bell-crank system
- High holding force 3.500 N
- Ball catch
- Wiring comparment
- N.B.: Please state required approvals for Russia, China and Brazil with your order!

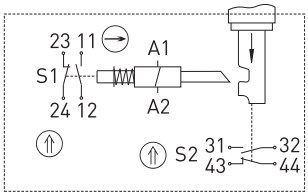
Dimensions



Switching diagram

Power-to-lock principle

2 NC/2 NO contact



Technical data

Standards	EN 60947-5-1; EN 1088; EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-18; EN ISO 13849-1
Enclosure	aluminium die cast, enamelled
Cover	steel, enamelled
Actuator/locking bolt	metal zinc/aluminium
Switch insert	Ex 95
Degree of protection	IP 67 to IEC/EN
Contact material	silver
Switching system	slow action, positive break NC contact
Switching elements	change-over contact with double break Zb, galvanically separated contact bridges
Connection	M3 screw clamps
B_{10d}(10% Load)	2 million
T_M	max. 20 years
Cable section	max. 2.5 mm^2 (incl. conductor ferrules)
Cable entries	2 x M20 x 1.5 for cable section 5 ... 9 mm
U_{imp}	4 kV
U_i	250 V
I_{the}	6 A
I_e/U_e	6 A/250 VAC; 0.25 A/230 VDC
Utilisation category	AC-15
Max. fuse rating	6 A gL/gG D-fuse
I_e/U_e solenoid	0.08 A / 24 VDC ±10%
Power consumption	max. 12 W (0.25s)
Ambient temperature	T6: –20 °C ... +40 °C; T5: –20 °C ... +55 °C
Mechanical life	> 1 million operations
Holding force F	max. 3.500 N
Holding force of integrated ball catch	50 - 200 N, adjustable
Ex certification	Ⓔx II 2G Ex demb IIC T6/T5 Gb, Ⓔx II 2D Ex tb IIIC T80°C/T95°C Db IECEx Ex demb IIC T6/T5 Gb, Ex tb IIIC T80°C/T95°C Db
Approvals	DMT 02 ATEX E 255 X, IECEx BVS 07.0018X

Errors and omissions excepted.

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