



1330900



1330904



1292000



1291001



1291011

Safety interfaces and relays

- Power supply: 24 VDC ± 20%
- Electrical connection: On terminal block
- Mounting: DIN rail mounting according to EN 50022-35 standard
- Dimensions: Relays - (H) 101 x (W) 35 x (D) 120 mm
Interfaces - (H) 99 x (W) 22.5 (35 mm - ADSRM) x (D) 114 mm

type	description		
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Safety interfaces and relays

Safety interface for safety light curtains		Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
1330900	ADSR1	with EDM and Start/Restart for safety light curtains and RFID switches
1330904	ADSRM	safety interface with integrated muting for safety light curtains
Safety interface for emergency stop buttons and safety switches		PL e - Cat. 4
1330913	ADSRE4	with automatic/manual start/restart
1330914	ADSRE4C	with manual monitored start/restart
Safety interface for two-hand control		PL e - Cat. 4 Type III C (EN574)
1330915	ADSRT	safety interface for two-hand control
Safety speed monitoring interface (H) 108 x (W) 22.5 x (D) 114.5 mm		SIL 3 - SILCL 3 - PL e - Cat. 4
1100078	SVMR0	safety speed monitoring relay for overspeed and zero speed control
1100088	SVMR0U	safety speed monitoring relay for underspeed control
Safety relay modules		for devices with integrated feedback input for EDM
1330902	ADSR0	2 NO + 1 NC - 2A 250 VAC
1330903	ADSR0A	2 NO - 2A 250 VAC

RFID safety switches 24 VDC SIL 3 - SILCL 3 - PL e - Cat. 4

Magnus RFID non-contact safety sensors provide highly-reliable, tamper-proof personnel protection for monitoring protective doors, gates and guards. It uniquely identifies passive RFID transponders ensuring high coding levels and effective protection against manipulation with easy installation and safety system integration to PL e/SIL 3. Sensors can be individually coded in two different ways for appropriate tampering protection in all applications.

- Actuator coded:** The actuator is free and not specifically assigned to the sensor (*one actuator can work with multiple sensors*)
- Individual coding:** Programmed via teach-in and permanently assigned to sensor during set-up (*the process can be repeated up to 8 times if necessary*)
- Indication: LED status indicators for fast diagnostics
- Output: 2 safety inputs and outputs and 1 diagnostic output
- Connection type: M12 connector - (Pigtail M12/8-pin - 150 mm)
- Mounting: Screw mounting **S** - inter-axis 22 mm / **B** - inter-axis 78 mm
- Tampering protection in accordance with DIN EN 14119, the highest in its class
- Can be installed individually or in series with up to 30 units (*accessories required*)
- High EMC immunity and IP67 protection ensure excellent reliability in harsh environments
- Resistant to aggressive media, e.g. cleaning agents used in the food and packaging industry

type	sensing distance (mm)	description	dimensions (mm)		
			(H)	(W)	(D)

RFID safety switches <i>supplied as sensor/actuator combination</i>					
1292000	CSCAM	8 ... 18	S actuator coding RFID safety switch	26	36 13
1292010	CSIAM	8 ... 18	S individual coding RFID safety switch	26	36 13

Accessories

1292401	SPS	spacers	for S series (<i>recommended for mounting on metal surfaces</i>)
1292400	SPB	spacers	for B series (<i>recommended for mounting on metal surfaces</i>)

Magnetic safety switches 24 VDC

- Compact and robust thermoplastic enclosure (PBT)
 - Coded magnetic operation – Tamper resistant
 - Sensor with M8/4pin connector: 2 NO contacts
 - Connected to Mosaic safety controller provides a certified PL e safety system
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|---------|-------|--------|--------------------------------------|----|----|----|
| 1291000 | MGS20 | 3...10 | MGS compact magnetic safety switches | 36 | 13 | 26 |
| 1291001 | MGSM | 3...10 | MGS magnet unit for above switches | 36 | 13 | 26 |
| 1291010 | MGB20 | 4...16 | MGB rectangular mag. safety switches | 88 | 25 | 14 |
| 1291011 | MGBM | 4...16 | MGB magnet unit for above switches | 88 | 25 | 14 |