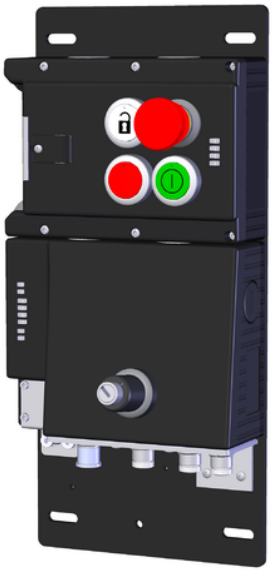
MGB-L1B-EIA-L-136464 (Order no. 136464)

Locking module MGB-L1...-EI (guard locking by spring force) with 3 pushbuttons, emergency stop and key-operated rotary switch

- Guard locking with guard lock monitoring
- Emergency stop according to ISO 13850
- 3 illuminated pushbuttons
- SSG10 key-operated rotary switch
- Connection via M12 plug
- Pre-assembled on mounting plates
- Integrated switch
- Unicode



Ethernet/IP connection

M12 plug (D-coded), 4-pin, according to IEC 61076-2-101

Integrated switch

Point-to-point topology network structure due to integrated switch.

Flexible use as interlocking or guard locking

By means of the corresponding evaluation of the safe device data by the control system, use can be as either interlocking or guard locking (with or without monitoring).

Technical data

Approvals

Workspace

Secured switch-off distance s_{ar}	
Only with sliding door	20 mm (Only applies for use on sliding doors with deactivated guard lock monitoring)

Operating and display elements

Occupancy diagram

Item	Color	Extras	Note slide-in label	Version	Switching element	Slide-in label	Number	Designation1	LED
1				Emergency stop	2 PD				
2	white	printed		Illuminated pushbutton	1NO				
3	red			Illuminated pushbutton	1NO				
4	green	printed		Illuminated pushbutton	1NO				
94		SSG10		Key-operated rotary switch	1NO				

Electrical connection values

Connecting cable	
Ethernet	Ethernet/IP cable, at least cat. 5e
Rated insulation voltage U_i	75 V
Rated impulse voltage U_{imp}	0.5 kV
EMC protection requirements	In accordance with EN 61000-4 and EN 61326-3-1

maximum feed-in current in the connection block	
X1, X2	max. 4000 mA
Safety class	III
Current consumption	max. 500 mA
Transponder coding	Unicode
Degree of contamination (external, according to EN 60947-1)	3
	Power supply X1
Fuse	
external	min. 1 A slow blow
Operating voltage DC	
L1	24 V DC -15% ... +10% ((reverse polarity protected, regulated, residual ripple<5%, PELV))
Auxiliary voltage DC	
L2	24 V DC -15% ... +10% (The auxiliary voltage is not required for the MGB system)
	Power supply X2
Operating voltage DC	
L1	24 V DC -15% ... +10% (For looping through for connected devices)
Auxiliary voltage DC	
L2	24 V DC -15% ... +10% (For looping through for connected devices)

Mechanical values and environment

Connection type	
Ethernet/IP cable, at least cat. 5e	M12, D-coded, screened (X3)
Ethernet/IP cable, at least cat. 5e	M12, D-coded, screened (X4)
	M12 Power, A-coded (X1)
	M12 Power, A-coded (X2)