MGB-L2B-PNA-R-158942 (Order no. 158942)

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

B1

L0

Item	Color	Extras	Note slide-in label	Version	Switching element	Slide-in label	Number	Designation1	LED
90				Illuminated pushbutton	1NO				
93				Machine stop	2 PD				
95				Illuminated pushbutton	1NO				

Electrical connection values

Connecting cable	
Ethernet	Profinet I/O 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	
	Push-pull power (X2 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
according to IEC 61076-3-117, variant 14, screened, Profinet I/O cable, at least cat. 5e	Push-pull RJ45 (X3 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
according to IEC 61076-3-117, variant 14, screened, Profinet I/O cable, at least cat. 5e	Push-pull RJ45 (X4 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))
	Push-pull power (X1 (The document PROFINET 'Cabling and Interconnection Technology' from the PNO aids in the correct selection of cables.))