

MGB-L2B-PNA-R-122451 (Order no. 122451)

Evaluation module and bus module MGB-L2...-PN... (guard locking by solenoid force) with 5 controls and indicators, push-pull plug

- ▶ Guard locking with guard lock monitoring
- ▶ Emergency stop according to ISO 13850, illuminated
- ▶ 3 illuminated pushbuttons
- ▶ 1 indicator
- ▶ including adhesive labels
- ▶ Push-pull plug
- ▶ Pre-assembled on mounting plates
- ▶ Integrated Profinet RT switch
- ▶ Unicode



Profinet connection

Connection via push-pull plugs according to IEC 61076-3-117

Profinet RT switch

Point-to-point topology network structure due to integrated RT 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).

Emergency stop illuminated

Emergency stop with illumination that can be controlled as required.

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		with adhesive ring		Emergency stop illuminated	2 PD				
92	green			Signal indicator					
93	blue			Illuminated pushbutton	1NO				
94	yellow			Illuminated pushbutton	1NO				
95	white			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)