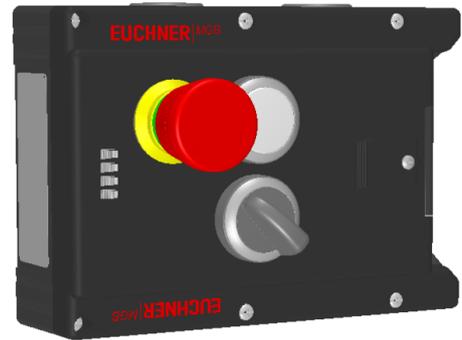


MGB-L1-ARA-AJ2A1-M-109314 (Order no. 109314)

Locking module MGB-L1-ARA... (guard locking by spring force) with 1 pushbutton, selector switch and emergency stop

- ▶ Guard locking with guard lock monitoring
- ▶ Can be connected in series with other AR devices (e.g. CES-AR and CET-AR)
- ▶ Emergency stop according to ISO 13850
- ▶ 1 pushbutton (illuminated, wh)
- ▶ Selector switch (form V, 90°, illuminated)
- ▶ With cable entry
- ▶ Unicode



Guard locking type

MGB- L1... The locking arm is held in the locked position by spring force and is unlocked by solenoid force (closed-circuit current principle, mechanically locked).

Door hinge

A mechanical door stop is permanently integrated into the evaluation module of the MGB. A marking on the stop makes adjustment easier.

LED indicator

The LED indicator indicates all important system and status information.

Monitoring outputs

- OD ON when the door is closed
- OT Bolt tongue inserted into the evaluation module
- OL Guard locking solenoid in locked position
- OI Diagnostics; there is a fault

Emergency stop device

S1 2 positively driven contacts and 1 NO contact (e.g. monitoring contact), emergency stop with turn-to-reset, not illuminated

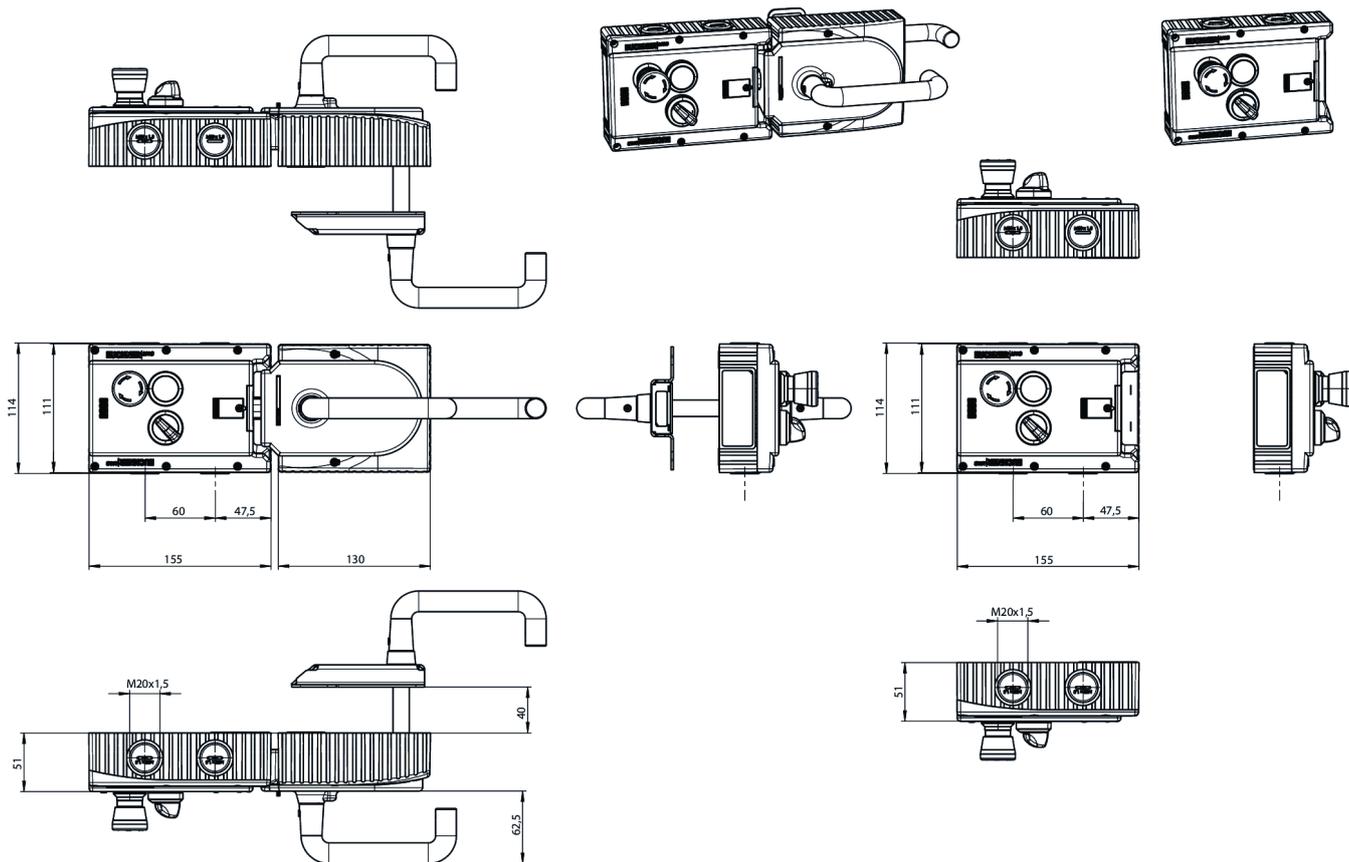
Pushbuttons

S2 1 NO contact, white, illuminated

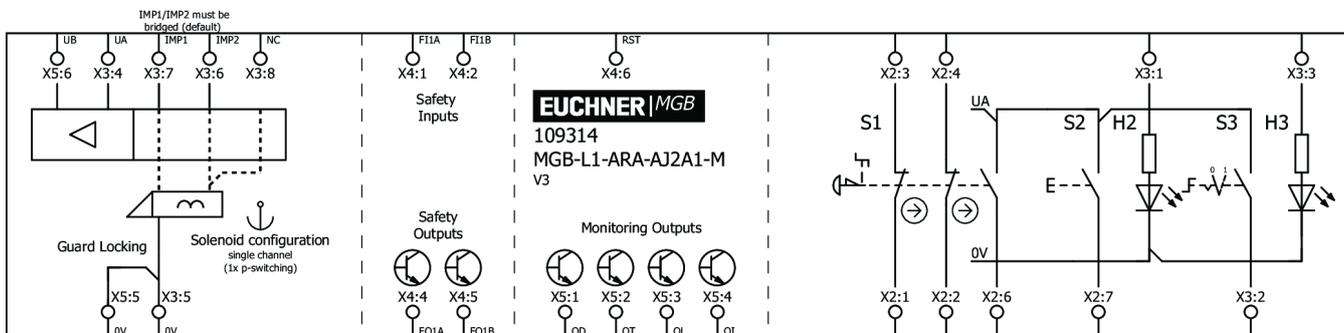
Selector switch

S3 Selector switch with 2 positions (form V, 90°, illuminated). The switch latches in both positions

Dimensional drawings



Connection examples



Technical data

Approvals



Operating and display elements

Occupancy diagram

L1

Item	Color	Extras	Note slide-in label	Version	Switching element	Slide-in label	Number	Designation1	LED
1		with monitoring contact		Emergency stop	2 PD + 1 NO				
2	white			Illuminated pushbutton	1NO				
3				Selector switch, illuminated	1NO				

Electrical connection values

Connection cross section

(rigid/flexible) with cable end sleeve with collar according to DIN 46 228/1 0.25 ... 0.75 mm²

(rigid/flexible) 0.13 ... 1.5 mm²
(AWG 24 ... AWG 16)

(rigid/flexible) with cable end sleeve according to DIN 46 228/1 0.25 ... 1.5 mm²

Rated insulation voltage U_i 30 V

Rated impulse voltage U_{imp} 1.5 kV

Discrepancy time

between FO1A and FO1B max. 10 ms

Utilization category

DC-13 24V 200mA

(Caution: outputs must be protected with a free-wheeling diode in case of inductive loads.)