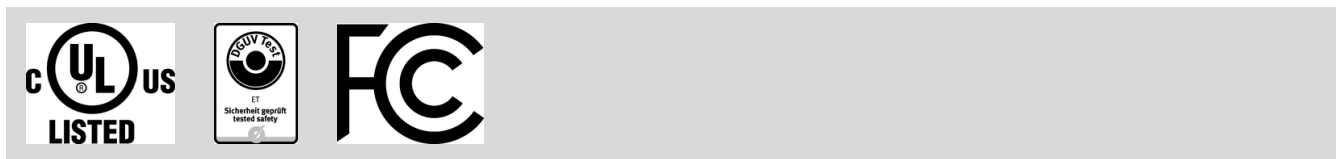


MGB-L1-APA-AA1A1-S1-R-164800 (Order no. 164800)

Technical data

Approvals



Operating and display elements

Occupancy diagram L0

Electrical connection values

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.)

Risk time according to EN 60947-5-3	max. 350 ms
Safety class	III
Transponder coding	Unicode
Degree of contamination (external, according to EN 60947-1)	3

Solenoid control input IMP1, IMP2, IMM

Test pulse duration	max. 5 ms
Test pulse interval	min. 100 ms

Monitoring outputs OD, OT, OL, OI

Output type	Semiconductor outputs, p-switching, short circuit-proof
Output voltage	UA-2V ... UA V DC (Value at a switching current of 50mA without taking into account the cable lengths)
Output current	max. 50 mA

Safety outputs FO1A, FO1B

Output type	Semiconductor outputs, p-switching, short circuit-proof
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Output voltage

U_{FO1A} / U_{FO1B} HIGH $U_B - 2V \dots U_B$ V DC
(Value at a switching current of 50mA without taking into account the cable lengths)

U_{FO1A} / U_{FO1B} LOW 0 ... 1 V DC

Output current

per safety output FO1A / FO1B 1 ... 200 mA

Test pulse duration max. 0.3 ms

Test pulse interval min. 100 ms

Power supply U_A

Operating voltage DC

U_A 24 V DC -15% ... +10%
((reverse polarity protected, regulated, residual ripple < 5%, PELV))

Current consumption

I_{UA} max. 375 mA
((with energized guard locking solenoid and unloaded outputs OD, OT, OL, OL, +20 °C, 24V))

Power supply U_B

Operating voltage DC

U_B 24 V DC -15% ... +10%
((reverse polarity protected, regulated, residual ripple < 5%, PELV))

Current consumption

I_{UB} max. 80 mA
((no load on outputs))

Mechanical values and environment

Connection type Plug connector RC18
(x6)

Installation orientation Door hinge DIN right

Switching frequency 0.25 Hz

Storage temperature -25 ... 70 °C