

Technical data

Approvals



Escape release MGB-E-A2-106051 (Order no. 106051)



Mechanical values and environment

Installation orientation	any
Storage temperature	-30 ... 70 °C
Mechanical life	1 x 10 ⁶
Ambient temperature	-30 ... 55 °C
Material	
Housing	Die-cast zinc/stainless steel, powder-coated

Miscellaneous

Product version number	V2.0.0
Additional feature	with mounting plate

Handle modules MGB-H-AA1A6-L-111839 (Order no. 111839)



Mechanical values and environment

Installation orientation	Door hinge DIN left
Storage temperature	-25 ... 70 °C
Degree of protection	IP65
Ambient temperature	-20 ... 55 °C
Material	
Housing	Fiber glass reinforced plastic, nickel-plated die-cast zinc, stainless steel

Miscellaneous

Product version number	V3.0.0
Additional feature	with mounting plate and automatic lockout mechanism

Operating and display elements

Occupancy diagram	L0
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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
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Risk time according to EN 60947-5-3, extension for each additional device	max. 5 ms
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Safety class	III
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Transponder coding	Unicode
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Degree of contamination (external, according to EN 60947-1)	3
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Solenoid control input IMP1, IMP2, IMM

Test pulse duration	max. 5 ms
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Test pulse interval	min. 100 ms
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Monitoring outputs OD, OT, OL, OI

Output type	Semiconductor outputs, p-switching, short circuit-proof
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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
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Safety outputs FO1A, FO1B

Output type	Semiconductor outputs, p-switching, short circuit-proof
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Output voltage		
U_{FO1A} / U_{FO1B} LOW	0 ... 1 V DC	
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)	

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

Test pulse duration	max. 1 ms
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Test pulse interval	min. 100 ms
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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)
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Installation orientation	Door hinge DIN left
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Switching frequency	0.25 Hz
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Storage temperature	-25 ... 70 °C
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Mechanical life	
	1 x 10 ⁶
	0.1 x 10 ⁶