

Magnetic Switch

Series MA-41

Description MAK-4113-K-3,45	Article number 6415341265
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Wiring diagram

Approach direction / switching distance

Switching diagram DC

U[M]	I[A]
24	0,500
48	0,500
120	0,250
230	0,130

Technical data		
Switching function		C.O.
Reference magnet		T-62 (6301262039)
Assured operating distance - ON	S_{on}	see Approach direction / switching distance
Repeat accuracy	R	± 0,1 mm, under same geometrical conditions at the same temperature
Frequency of operating cycles	f	1 Hz
Utilization category		DC-12

Electrical data	
Max. voltage	250 V AC / DC
Max. switching current	0,35 A AC / 0,5 A DC
Max. switching capacity	30 VA
Protection class acc. to EN 61140	II (totally insulated)
Note	Combinations of switching voltage and switching current must not exceed the maximum switching capacity.

Mechanical data	
Enclosure	PA6.6, black; encapsulated reed contact
Tightening torque of fastening screws	1,25 Nm ± 0,25 Nm
Temperature range	- 5 °C ... + 70 °C (cable not fixed mounted) - 25 °C ... + 70 °C (cable fixed mounted)
Mechanical life	3 x 10 ⁸ operating cycles
Shock Vibration	10 G (11 ms / ½ Sinewave)
Vibration	15 G (50 - 2000 Hz)
Protection type	IP 67 acc. to EN 60529
Termination type	Cable 3 x 0,75 mm ² ; PVC -outer jacket black
Assembly position	optional (assembly on ferromagnetic material means reduction of switch distance)

Standards	
	EN 60947-5-1
	EN 62246-1

EU Conformity	
	acc. to directive 2014/35/EU (Low-Voltage-Directive)

Notes	
Contact protection must be provided for inductive and capacitive loads.	