

Custom Engineered Solutions for Tomorrow

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- > Features: High Power Switches, Various Case Sizes and Operate Sensitivities Available
- > Applications: On/Off Control Switch, Position Detection, Switching Element & Others
- Markets: Appliance, Telecommunication, Security, Medical, Industry & Others

Part Description: M	06-0-X	
Size		Magnetic Sensitivity
4, 5, 6, 7, 8, 1	0	B, C, D, E, H, I, K

Customer Options	Switch Model			Linit
Contact Data	66	87	90	Unit
Rated Power (max.) Any DC combination of V&A not to exceed their individual max.'s	10	10	10	W
Switching Voltage (max.) DC or peak AC	200	200	175	V
Switching Current (max.) DC or peak AC	0.5	0.4	0.5	А
Carry Current (max.) DC or peak AC	1.0	0.5	1.0	А
Contact Resistance (max.) @ 0.5V & 50mA	150	150	150	mOhm
Breakdown Voltage (min.) According to EN60255-5	0.25	0.23	0.2	kVDC
Operating Time (max.) Incl. Bounce; Measured with w/ Nominal Voltage	0.7	0.6	0.7	ms
Release Time (max.) Measured with no Coil Excitation	0.05	0.05	1.5	ms
Insulation Resistance (typ.) Rh<45%, 100V Test Voltage	10 ¹⁰	10 ⁹	10 ⁹	Ohm
Capacitance (typ.) @ 10kHz across open Switch	0.3	0.2	1.5	pF



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Custom Engineered Solutions for Tomorrow

A Global Leader in the Design, Development, and Manufacture of Sensor and Magnetic Components

Series Datasheet – MK06 Reed Sensors

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Housing and Lead Specifications	
Housing Material PBT Glass Fibre Reinforced	
Case Color	Blue
Sealing Compound	Epoxy Resin
Lead Design	ТНТ

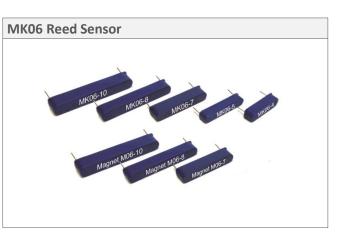
Environmental Data		Unit
Shock Resistance (max.) 1/2 sine wave duration 11ms	30	g
Vibration Resistance (max.)	20	g
Operating Temperature	-20 to 85	°C
Storage Temperature	-35 to 85	°C
Soldering Temperature (max.) 5 sec. max.	260	°C

Handling & Assembly Instructions

- Use proper lead clamping or heat sinking techniques to prevent mechanical and/or heat stress during, soldering, and welding
- Mechanical shock as the result of dropping the reed sensor may cause immediate or post-installation failure

Glossary Co	ontact Form	
Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw	
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw	
Form C	Changeover SPDT = Single Pole Double Throw	





Life Test Data *Load increase reduces life expectancy of Reed Switches

Glossary Magnetic Sensitivity		
AT Range	Sensitivity (Form A)	Sensitivity (Form C)
05 - 10	A	
10 - 15	В	
15 – 20	С	Н
20 – 25	D	I
25 - 30	E	К
30 - 35	F	
35 - 40	G	



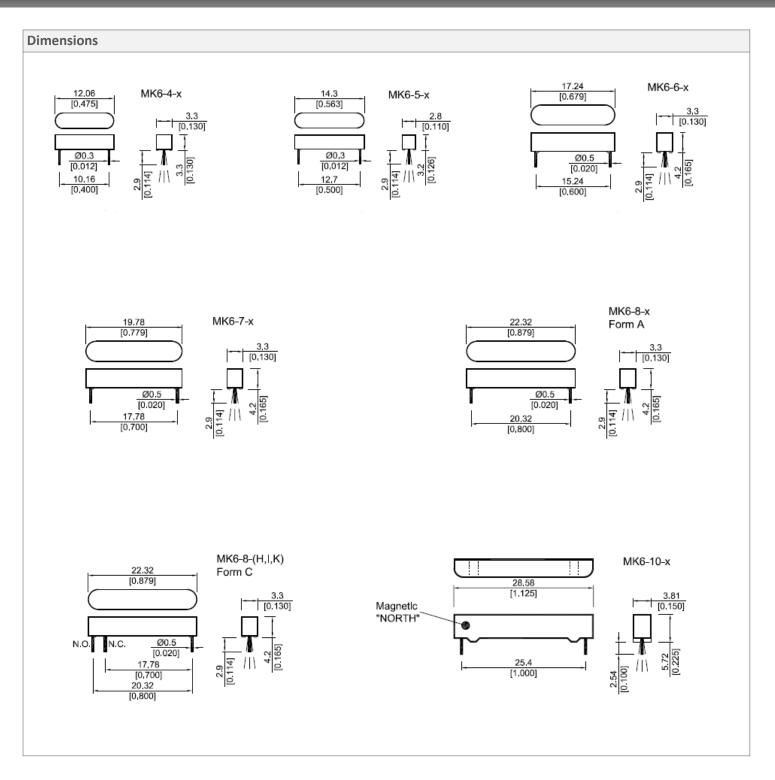
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