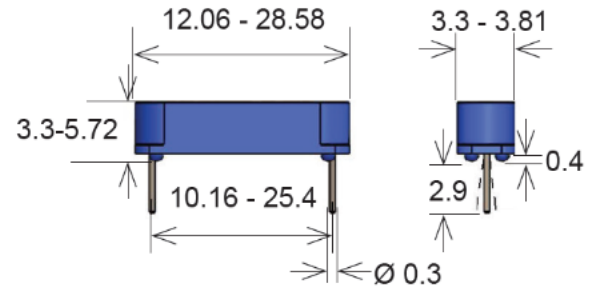


MK06 Series Reed Sensors



- 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: **MK 06 - 0 - X**

Size	Magnetic Sensitivity
4, 5, 6, 7, 8, 10	B, C, D, E, H, I, K

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

Series Datasheet – MK06 Reed Sensors

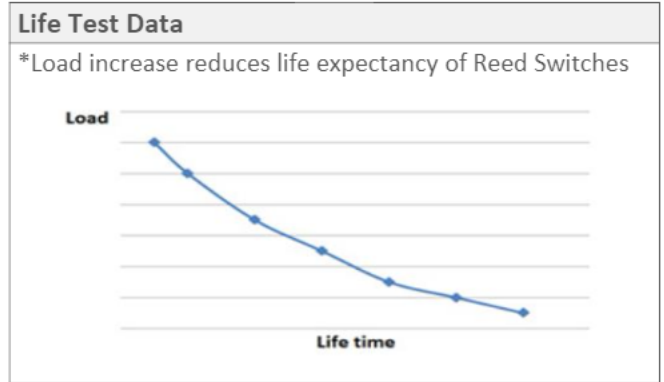
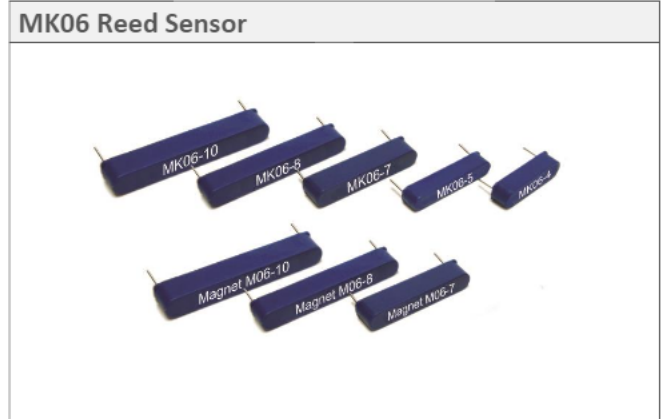
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Housing and Lead Specifications	
Housing Material	PBT Glass Fibre Reinforced
Case Color	Blue
Sealing Compound	Epoxy Resin
Lead Design	THT

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

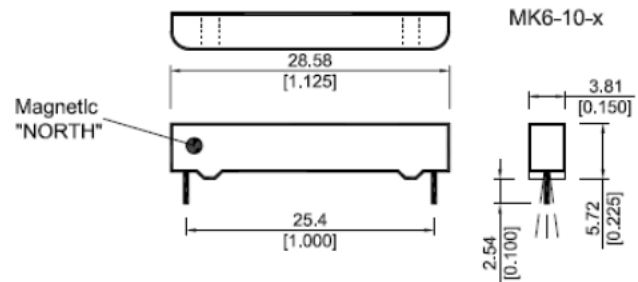
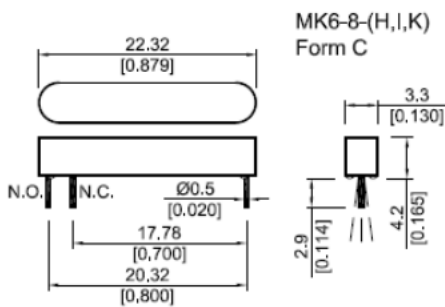
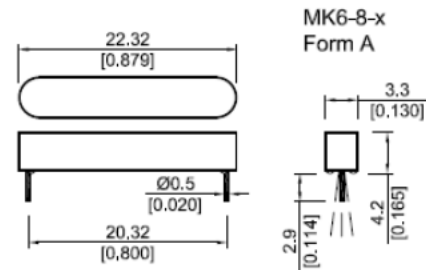
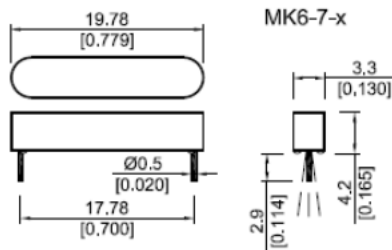
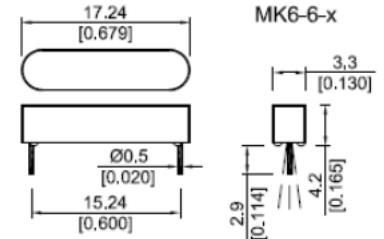
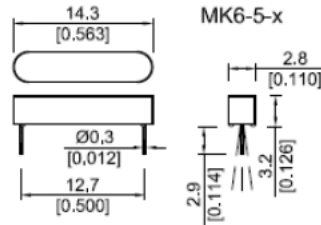
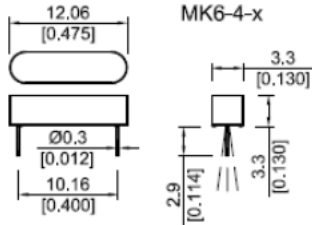
Glossary Contact Form		
Form A	NO = Normally Open Contacts SPST = Single Pole Single Throw	
Form B	NC = Normally Closed Contacts SPST = Single Pole Single Throw	
Form C	Changeover SPDT = Single Pole Double Throw	



Glossary Magnetic Sensitivity		
AT Range	Sensitivity (Form A)	Sensitivity (Form C)
05 – 10	A	
10 – 15	B	
15 – 20	C	H
20 – 25	D	I
25 – 30	E	K
30 – 35	F	
35 - 40	G	



Dimensions



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