

# Magnetic Contacts

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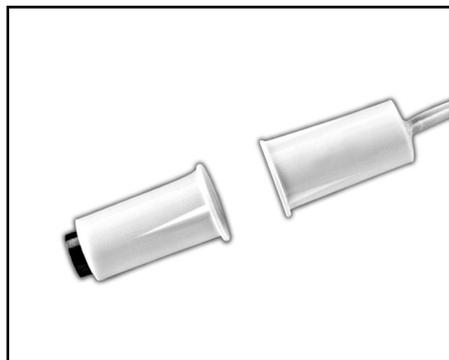
## Features

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- Patented O-ring design to keep the delicate reed switch components safe inside a cushion of air.
- With the O-ring design, contacts withstand massive compression without damage
- Hand crimped and hand soldered - doubling the assurance of a solid connection
- 100% hand tested
- Lifetime warranty
- Eliminate false alarms, missed alarms and service calls
- Alnico 5 magnets or ceramic ferrite magnets
- UL listed wire
- High impact flame-retardant plastic for some housing; for others, die cast aluminium
- Contact surface are coating with Rhodium for longer life, lower resistance, and additional protection against transients

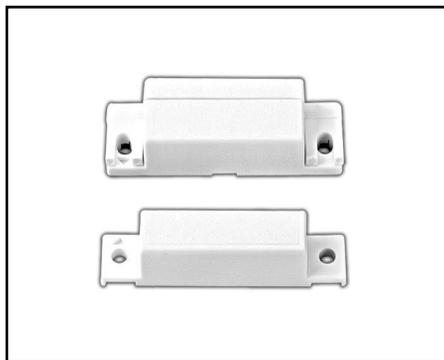
### MPS-9 Press Fit Recessed Stubby Contact

- Standard gap: 1-1/4"
- 12" leads
- Reed Contact: 3/8" Dia. x 3/4" L
- Magnet: 3/8" Dia. x 3/4" L
- Also Available:  
MPS-9WGW - white  
MPS-9WGB - brown



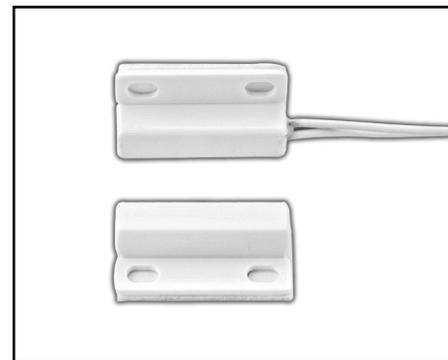
### MPS-20 Surface Mount Contact

- Standard gap: 1-1/4"
- Spacers, covers and screws included  
Terminals
- Reed Contact: 1/2" x 2-1/2"
- Magnet: 1/2" x 2-1/2"
- Also Available:  
MPS-20WGW - white  
MPS-20WGB - brown



### MPS-45 Surface Mount Contact

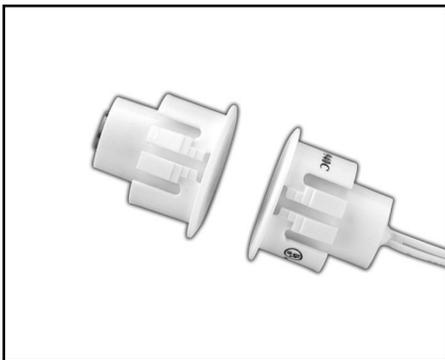
- Standard gap: 1"
- 12" leads
- Self-adhesive or screw mount
- Reed Contact: 1/2" x 1-1/8"
- Magnet: 1/2" x 1-1/8"
- Also Available:  
MPS-45WGW - white  
MPS-45WGB - brown



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## MPS-70 Recessed Mount Contact

- Standard gap: 1-1/4"
- 5/8" gap for steel
- 12" leads
- Reed Contact: 3/4" Dia. x 1" L
- Magnet: 3/4" Dia. x 1" L
- Also Available:  
MPS-70WGW - white  
MPS-70WGB - brown



## MPS-80 Surface Mount Contact

- Standard gap: 2"
- Industrial surface mount
- Includes spacers and mounting screws
- Reed Contact: 5/8" x 7/8" x 4"
- Magnet: 5/8" x 7/8" x 4"



## MPS-50 Surface Mount Contact

- Standard gap: 2"
- 24" armoured cable
- Cast magnet
- Reed Contact: 2" x 4-1/8" x 3/8"
- Magnet: 1-1/2" x 1-1/2" x 3-1/2"



## MPS-51 Surface Mount Contact

- Standard gap: 2"
- 24" armed cable
- Adjustable magnet
- Reed Contact: 2" x 4-1/8" x 3/8"
- Magnet: 1-1/2" x 1-1/2" x 3-1/8"



## Specifications:

- Closed loop circuits, switches are held closed when magnet is in, close proximity; alarm detection when contacts open
- MPS models equipped with single reed switch
- Magnets: Allnico 5 or ceramic ferrite
- Temperature Range : -40°F to 140°F (-40°C to 60°C)
- Electrical: max power 3 watts; max switched voltage 30 volts DC, 30 volts (rms)AC; max switched current 0.30 amps; max circuit resistance - 100 milliohms
- Vibration: 30 G's peak at 10-20,000 Hz; no false closures 20 milliseconds with switches open; no false openings 20 milliseconds with switches closed
- Shock: 100 G's peak at 11 milliseconds impact duration; no false closures 20 milliseconds with switches open; no false openings 20 milliseconds with switches closed
- Wire Leads: Description - UL 1061, 22 AWG or UL 1007, 22 AWG; Pull strength: 10 lb-force (44.5n) per wire
- Color: White and Brown

For more information:

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