

Magnetic Contact

Part No. LC-13

Description

Magnetic contact is a proximity switch what is used magnetic field of magnet to actuate Reed Switch. Because of design in Reed Switch, low cost and simple using-way is major characteristics of magnetic contact.

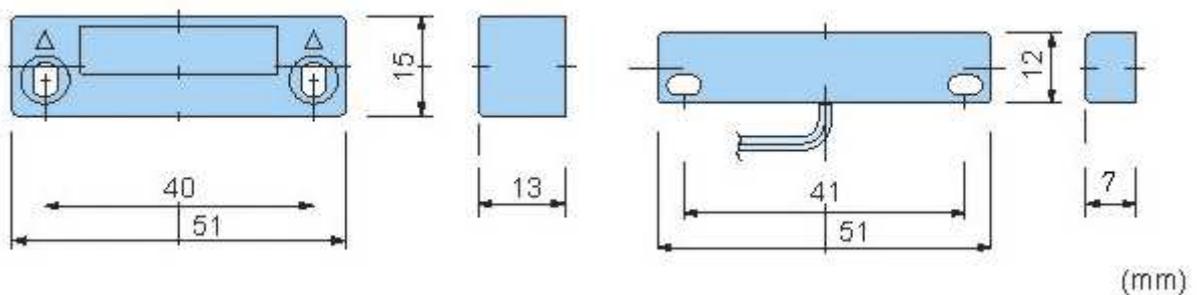
Application

- Security equipment
- domestic appliances
- automation machines

Feature

- Regular gap up to 25mm
- Surface mount / Wire leads.
- Available in closed loop, open loop and SPDT

Outline dimensions



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Switch

Contact arrangement	FROM B ,open loop
Switching voltage (Max.)	100v AC / DC
Switching current (Max.)	0.3 A
Contact capacity (Max.)	3 VA
Initial contact (Max.)	0.2 Ohm
Carry current (Max.)	0.5A
Breakdown voltage	200 VDC
Insulation resistance (Min.)	1000 Mohm
Switch cycle	5 × 10 ⁷ cycle at 30.V 0.1 ADC

Magnet

Material	Anisotropic ferrite
Residual flux density (Br)	3000~3600 Gauss
Maximun energy product (BH) max.	2.5~3.5 MG.Oe
Curie temperature (Tc)	450°C

Gap

Sense gap (Min.)	20mm
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Physical characteristic

Temperature	-20°C ~+60°C
Vibration	20 G(10~55 HZ)
Shock	30 G (11 msec)
Heat shock	-25°C ~+65°C (30min) (30min) 100 cycle
Package drop	Drop height 80 cm
Humidity	80°C 95% RH 72 hrs

Wire

Specifications	AWG #22 1007 VW-1
Cable length (Min.)	23mm