

Magnetic Contact

Part No. LC-15

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.

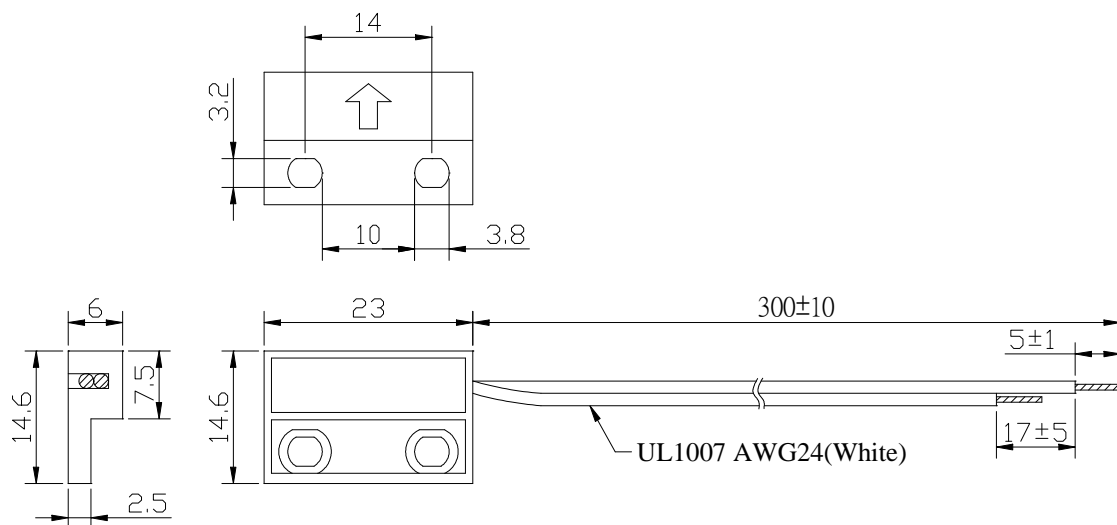
Application

- Security equipment
- domestic appliances
- automation machines

Feature

- Miniature surface mount
- Standard 15mm + gap
- Switches or magnet only are available separately
- Available in closed loop and open loop
- Latching type upon request

Outline dimensions



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Switch

Loop type	Close loop
Reed Switch Contact Form	Form A SPST-NO
Switching Voltage (Max.)	100V
Switching Current (Max.)	0.5A
Contact Capacity (Max.)	10VA
Breakdown Voltage	200V
Initial resistance	0.2 Ohms
Insulation resistance (Min.)	100 Mohms
Switch cycle	5×10^7 cycle at 30V 0.1A DC

Magnet

Material	NedFeB N30 rare earth
Residual flux density (Br)	11.8~12.5 K Gauss
Maximun energy product (BH)	30~33 MGOe
Curie temperature (Tc)	310°C

Gap

D-MUST operate (Min.)	13mm
D-MUST relese (Max.)	25mm

Physical characteristic

Temperature	-40°C ~+100°C
Vibration	20 G(10~55 HZ)
Shock	30 G (11 msec)
Package drop	Drop height 80 cm
Humidity	80°C 95% RH 72 hrs