

Magnetic Contact

Part No. LC-11

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.

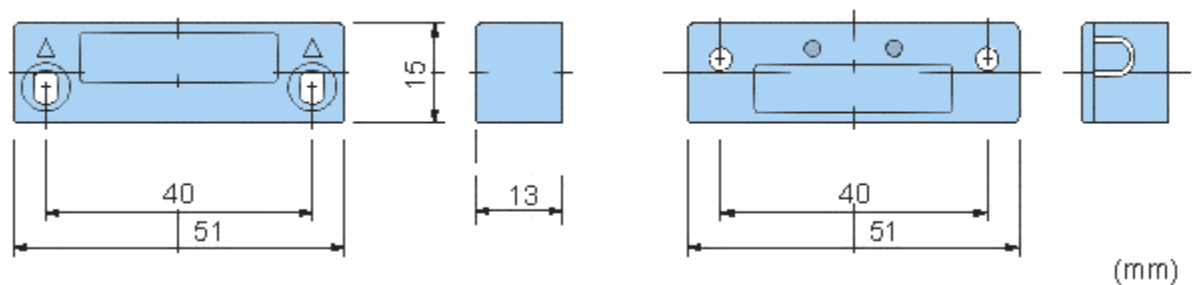
Application

Security equipment
domestic appliances
automation machines

Feature

Regular gap up to 25mm
Screw terminals for quick installation
Concealed terminals
Available in closed loop and open loop

Outline dimensions



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Switch

| | |
|------------------------------|---------------------------------------|
| Contact arrangement | Closed loop |
| Switching voltage (Max.) | 100v AC / DC |
| Switching current (Max.) | 0.5 A |
| Contact capacity (Max.) | 10 VA |
| Initial contact (Max.) | 0.2 Ohm |
| Carry current (Max.) | 1A |
| Breakdown voltage | 200 VDC |
| Insulation resistance (Min.) | 100 Mohm |
| Switch cycle | 5×10^7 cycle at 30.V 0.1 ADC |

Magnet

| | |
|------------------------------------|---------------------|
| Material | Anisotropic ferrite |
| Residual flux density (Br) | 3300~3600 Gauss |
| Maximun energy product (BH) (Max.) | 2.5~3.5 MG.Oe |
| Curie temperature (Tc) | 450 |

Gap

| | |
|------------------|------|
| Sense gap (Min.) | 25mm |
|------------------|------|

Physical characteristic

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