

MC 400 SERIES MAGNETIC CONTACTS

APPLICATIONS

The MC 400 series Magnetic Contacts are designed for surface-mount applications on elements including eg. doors, windows to protect them against unauthorised opening. For easy system installation these contacts use screw terminals with wire protection.

Gold-plated, Ru-coated contacts of MC 400 reed switches guarantee long life-time (>20 million switching cycles) at low current intensities. These contacts are designed for use in advanced control units with very low currents down to 1 μ A. Use of 'Alnico 5' (Al-Ni-Co) alloy as magnetic material in the magnet assembly prevents demagnetisation and provides high stability of the magnetic field over a long time span.

The MC 400 magnetic contacts are housed in white or brown ABS plastic (IP 43), allowing it to be installed indoors.

MC 400 SERIES TECHNICAL DATA

- Form A reed switch, NC or C type, change-over (SPDT)
- Switching voltage: max. 200 V DC/AC peak
- Switching current: max. 500 mA DC/AC peak
- Carry current: max. 1500 mA DC/AC peak
- Contact rating: max. 10 VA

Note! Do not exceed the above specified limits.

ENVIRONMENTAL

- Operating temperature: -40 to +70°C
- Storing temperature: -40 to +70°C
- Humidity (according to DIN): max. 95% RH, class F
- Shock resistance: 100 g/11 ms/0.5 Hz
- Vibration resistance: 20 g/ 10 to 5000 Hz
- Housing protection category IEC 529: IP 43

APPROVALS

CE ... In conformity
INCERT: B-582-0013
Techom, class C: 28/04

CONTACT MATERIAL

- Reed switch: Ru sputtered onto gold-plated contacts
- Guaranteed life-time of a contact: > 20 million switching operations @ 12 V/10 μ A load
- Housing material: ABS plastic



FEATURES

- ◆ Designed for indoor surface-mount applications on elements such as doors, windows
- ◆ With screw terminals and wire protection
- ◆ Wide choice of standard security contacts
- ◆ Gold-plated and Ru-coated reed switch contacts for unfailing operation at low current intensities
- ◆ High security version includes anti-tamper switch
- ◆ ABS plastic housing
- ◆ Easy to install.