

Magnetic contact for surface installation in door or window 990001207 / 990001212 / 990001206

Technical Documentation

FEATURES

- Surface-mounted in doors and windows.
- Built in ABS.
- Available colours:
 - White (ref. 990001207)
 - Brown (ref. 990001212)
 - Silver (ref. 990001206)

Dimensions Magnet: 51x10x8 mm Contact: 51x10x8 mm

- Normally-open contact (when the magnet is not present).
- Conformity with the CE directives (CE-mark on packaging).

1. Magnet 2. Contact

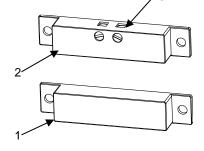
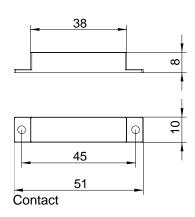


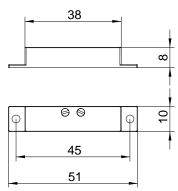
Figure 1. Magnetic contact

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3. Connection terminal block

Magnet





GENERAL SPECIFICATIONS		
CONCEPT	DESCRIPTION	
Type of device	Electric operation control device	
Operation temperature	0°C to +55°C	
Storage temperature	-20°C to +55°C	
Operation humidity	5 to 95% RH (no condensation)	
Storage humidity	5 to 95% RH (no condensation)	
Complementary characteristics	Class B	
Protection class	II	
Operation type	Continuous operation	
Device action type	Type 1	
Electrical stress period	Long	
Degree of protection	IP20, clean environment	
Installation	Surface-mounted in doors and windows with	
Installation	adhesive tape or bolts (both included)	
Weight	13g	
Housing material	ABS	

CONTACT SPECIFICATIONS AND CONNECTIONS		
CONCEPT	DESCRIPTION	
Contact options	Normally Open (when the magnet is not present)	
Maximum voltage	100V	
Maximum current	0.5A	
Maximum power	10W	
Maximum gap between magnet and contact	15mm	
Output type	Potential-free contact	
Connection method	Screw terminal block	
Cable cross-section	0.5mm ² (IEC) /24-20AWG (UL)	

ASSEMBLY DIAGRAM

- Place the contact on the door/window frame and mark the screws position.
- Make the wiring connections and screw the bolts to fix the contact to the frame.
- Place the magnet on the door/window respecting the alignment and separation from the contact.
- Screw the included bolts to fix the magnet in the final position.
- Check the correct working of the contact by means of a continuity detector while the window/door is being opened and closed.

Optional: Included fixing tape can be used instead of bolts. Note: It must be installed far away from magnetic fields or metallic elements.



SAFETY INSTRUCTIONS

- Installation should only be performed by qualified professionals according to the laws and regulations applicable in each country.
- · Keep the device away from water and do not cover it with clothes, paper or any other material while in use. It must not be hit.
- The WEEE logo means that this device contains electronic parts and it must be properly disposed of by following the instructions at http://zennio.com/weee-regulation.