

Magnetic contact for flush mounting in metal door or window 990004607 / 990004612

FEATURES

- Flush-mounted in metal doors and windows.
- Built in ABS.
- Available colours:
 - White (ref. 990004607)
 - Brown (ref. 990004612)
 - Dimensions Magnet : Ø24.5 x 21 mm Contact: Ø24.5 x 30 mm
- Normally-open contact (when the magnet is not present).
- Conformity with the CE directives (CE-mark on packaging).

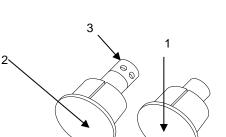
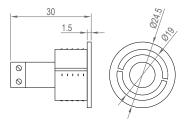


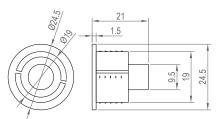
Figure 1. Magnetic contact and magnet

1. Magnet	2. Contact	3. Connection terminal block	
GENERAL SPECIFICATIONS			
CONCEPT	DESCRIF	PTION	
Type of device	Electric o	peration control device	
Operation temperature	-15ºC to -	-15°C to +40°C	
Storage temperature	-20°C to -	-20°C to +55°C	
Operation humidity	5 to 95%	5 to 95% RH (no condensation)	
Storage humidity	5 to 95%	5 to 95% RH (no condensation)	
Complementary characteristic	s Class B	Class B	
Protection class			
Operation type	Continuo	Continuous operation	
Device action type	Type 1		
Electrical stress period	Long	Long	
Degree of protection	IP20, clea	IP20, clean environment	
Installation	Flush-mo	Flush-mounted in doors and windows.	
Weight	19g	19g	
Housing material	ABS	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 to 1mm ² (26-16 AWG)		

DIMENSIONS (MM)





ASSEMBLY DIAGRAM

- 1. Drill a ø19mm hole on the edge of the door, apply a silicone sealing and fit the magnet in by pressure.
- 2. Drill another ø19mm hole on the door frame in front of the previous one.
- 3. Recover the wiring through the frame hole and connect it to the device.
- Apply a silicone sealing and fit the contact in the door frame by means of pressure.
- 5. Check that the contact works correctly by measuring the continuity while opening/closing the door.



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 (condensation over the device included) 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.

Technical Documentation

Magnetic contact