

Indoor high-security magnetic contact • Series 1000

- Compliant with and certification pending in accordance with EN50131-2-6
- Indoor surface mounting
- Annealed aluminium housing
- Suitable for frames of any material
- Wire connection
- Protection against violation



Magnetic contact for indoor surface mounting with high security standard. Series 1000, in an elegant annealed aluminium case, is a standard equipment for security systems in banks, shopping malls and all those facilities that require most security in external protection. It is equipped with protection against magnetic, electric and mechanical violation.

The double or triple balancing magnetic circuits, where all different reeds interlace to the magnetic fields generated by magnet batteries, are unbalanced by the application of an external magnet, triggering the alarm as a consequence. Wire protection is ensured by an anti-tampering loop and a

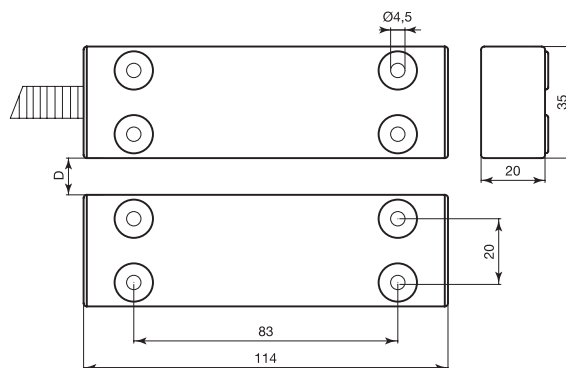
General specifications

Housing material	Annealed aluminium
Operation	Reed contact with NC output with near magnet
Type of connection	Wire (except 1003 M)
Operating temperature	-15°C ÷ +55°C
IP Degree	IP 40
Standard equipment	Tamper-proof caps, cable protection sheathing - 10 mm diameter, 1.7 m length - made of steel with black PVC coating; anti-tampering wires, mounting templates
Packaging	1 pc. / package



plasticized steel sheath. Versions 1021 and 1031 offer maximum security with tear-off protection through micro switch and anti-tampering loop for the reed section and the magnet part (4 wires on the magnet part); moreover, the version 1031 is linked to the central control unit for remote testing (6 wires on the reed part). M versions (without cable) are provided with a window and related cover to directly access the circuit board on which the operator can mount one or more resistors, in series or parallel to the contact.

Equipped with iron anti-tamper caps.



Order codes

Code	D max (no iron)	D max (on iron)	Max vol-tage	Max cur-rent	Max power	N° wires	Cable length	Approvals	Safety grade	Envir. class	Package weight	Notes
1001-CSA	14 mm	9 mm	100 Vdc	300 mA	3 W	4	2,0 m	IMQ Liv. I*	3	2	0,55 Kg	Triple balancing
1003-CSA	21 mm	15 mm	100 Vdc	300 mA	3 W	4	2,0 m	IMQ Liv. I*	2	2	0,52 Kg	Double balancing,
1003-M	21 mm	15 mm	100 Vdc	300 mA	3 W	-	-	-	2	2	0,50 Kg	Double balancing, with opening, no cable
1021-CSA	14 mm	9 mm	100 Vdc	300 mA	3 W	4+4	2,0 m	IMQ Liv. II*	3	2	0,79 Kg	Triple balancing with tear-off protection for reed and magnet part

The "Safety grade" and "Environmental Class" are two new classifications introduced by the EN50131 regulation, for further information see on page 66.

D max: maximum installation distance; as the contacts are balanced, the minimum installation distance must be complied with as specified in the instruction sheet

* IMQ approval for indoor use.

The indicated maximum voltage data refer to the reed bulbs inside the contacts. However the product must be used within the very low voltage limits (max. voltage 74 Vdc - 49 Vac)

Accessories available (see page 28)

AG-10

Black PVC-coated steel sheath - 10 mm

