



DC148

Industrial surface mount contact, high security grade 3, white

Requirements for grade 3 magnetic contacts

The grade 3 magnetic contacts are high security contacts which do meet the following requirements: preciseness of opening distance, magnet polarisation, strength of the magnet

Model with built in EOL resistors available

Though built in EOL resistors are not mandatory according to EN50131-2.6 requirements, GE offers a model with built in EOL resistors for a quick installation (see how to Order information)



Standard Features

- EN 50131-2-6 Grade 3 and VDS certified
- 2m cable
- covers to be clipped
- Tamper protected

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Specifications

Contact type	1 - pin NC contact
Switching distance	non-steel door 17 -mm, +/- 3 mm - steel doors 12 mm, +/- 3 mm
Switching voltage	max. 100 V DC
Switching current	max. 500 mA
Contact rating	max. 6 W or 6 VA
Contact resistance	max. 0.15 Ohm
Breakdown voltage	> 250 V
Permissible operating voltage	max. 40 V
Connection cable	LIVY 4 x 0.14 mm Cu tin-plated; Suitable for LSA IDC method of termination
External cable color	White
Internal conductor	Blue
Contact dimensions	8 x 8 x 40 mm
Cable dimensions	Ø 3.2 mm x 2 m; white
Magnet	Ø 6 x 30 mm neodymium, axially polarized, in Ø 8 x 40 mm plastic sleeve
Housing dimensions	54 x 13 x 12.5 mm
Housing material	S-B or A-B-S
Color	White
Temperature range	- 25 °C to + 70 °C
Protection category	VdS - environmental class III, IP 67
Certifications	EN 50131-2-6 Grade 3, VdS class C, SBSC (pending)

Ordering Information

Part No.	Description
DC148	Industrial surface mount contact, high security grade 3, white
DC148S60	Industrial surface mount contact, high security grade 3, 6m cable, white
DC148R4.7	Industrial surface mount contact, high security grade 3, 4k7 built in EOL resistor, white



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