


**BOSCH**

Invented for life

# ISN-CSD70 and ISN-CSD80 Compact Contacts



- ▶ Closed loop
- ▶ Sensitive non-stick rhodium reed
- ▶ Bent long leads keep solder off the glass of the reed
- ▶ Two solder points on the wire
- ▶ Thick plastic shell resists crushing

The contacts are available in brown or white. All models have a rugged, one-piece construction that eliminates the need for extra donut adapters. The compact (stubby) design allows you to use the contact in smaller spaces, without paying for a miniature design. Use on steel doors in standard or tight-fitting applications.

**Note** The photograph shows model ISN-CSD80-W.

## Certifications and Approvals

UL and CE

Region	Certification	
Europe	CE	73/23/EEC and 93/68/EEC, EN50131: 1997, EN50131-6: 1997, EN60950: 2000, EN60335-1: 1994 +A1: 1996 Annex B

## Installation/Configuration Notes

### Compatibility Information

All contact models are compatible with control panel models that accept contact inputs.

## Parts Included

Quantity Per Package	Component
10	Contacts
10	Magnets

## Technical Specifications

### Specifications for All Models

Gap Width:	38 mm (1.5 in.)
Wire Lead Type:	0.8 mm (0.029 in.) 22 AWG, 7 stranded
Wire Lead Length:	46 cm (18 in.) standard leads
Switch Configuration Type:	Single pole single throw (SPST)
Operating Temperature Range:	7.2°C to -95.56°C (-45°F to -140°F)

### Specifications for ISN-CSD70-B/W Models

Contact Dimensions:	19 mm x 20.3 mm (0.75 in. x 0.80 in.)
Maximum Contact Resistance:	150 μΩ (micro-ohm)
Minimum Breakdown Voltage:	250 VDC
Insulation Resistance:	10 <sup>10</sup> Ω
Electrostatic Cap:	0.3 PF
Contact Capacity:	10 VAC

Maximum Conductive Current: 1.0 A

Maximum Voltage: 100 V

### Specifications for ISN-CSD80-B/W Models

Contact Dimensions: 25 mm x 20 mm (1 in. x 0.80 in.)

Maximum Contact Resistance: 150  $\mu\Omega$  (micro-ohm)

Minimum Breakdown Voltage: 250 VDC

Insulation Resistance:  $10^{10} \Omega$

Electrostatic Cap: 0.3 PF

Contact Capacity: 10 VAC

Maximum Conductive Current: 1.0 A

Maximum Voltage: 100 V

### Package Information

**ATTENTION! Each package contains ten contacts and ten magnets.**

### Ordering Information

**Brown Compact Contact with Standard Magnet (19 mm) ISN-CSD70-B**

Brown recessed contact with 19 mm (0.75 in.) diameter. Includes a standard magnet. **Package contains ten contacts and ten magnets.**

**White Compact Contact with Standard Magnet (19 mm) ISN-CSD70-W**

White recessed contact with 19 mm (0.75 in.) diameter. Includes a standard magnet. **Package contains ten contacts and ten magnets.**

**Brown Compact Contact with Standard Magnet (25 mm) ISN-CSD80-B**

Brown recessed contact with 25 mm (1 in.) diameter. Includes a standard magnet. **Package contains ten contacts and ten magnets.**

**White Compact Contact with Standard Magnet (25 mm) ISN-CSD80-W**

White recessed contact with 25 mm (1 in.) diameter. Includes standard magnet. **Package contains ten contacts and ten magnets.**

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