

DB950R

950/990 Series low power relay base (45681-242)

General

The DB950R incorporates a low power relay to control field equipment such as automatic door closers. It provides a set of voltage-free relay contacts controlled by the remote output of a 950 or 990 series detector.

Unique addressing

A unique, patented addressing method provides simple, user-friendly and accurate identification of detector location whereby a coded card, inserted in the base, is read by any detector as it is plugged in. All the sensing electronics are in the detector, but the location information is held in the base. Addressing errors during maintenance and service are eliminated. Pre-coded and pre-numbered address cards are also available. These address cards simplify and speed up installation and commissioning.

Installation

Robust, multi-wire screw terminals allows cables to be connected with ease, providing a secure connection platform. The relay output offering a standard change-over contact is integrated into the detector base.

Operation

The relay output is activated by the remote indicator output of the detector installed on the base. Under normal conditions, this output activates whenever the installed detector is in alarm. If the control panel allows the functionality, the remote indicator output may be individually controlled and programmed, allowing for a low cot, potential free relay output to be available for basic control applications.



Details

- Provides one potential free change over contact
- Series 950 and 990 compatible
- Supports standard 900 series address card
- Includes locking mechanism for detectors
- Screw terminals for multiple wires

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Technical specifications

Electrical

Current consumption	<1 µA (quiescent) <40 µA (active)
Terminals	Contact rating 1A @ 30 VDC

Physical

Physical dimensions	100 x 24 mm (Ø x H)
Net weight	100 g
Colour	White

Environmental

Operating temperature	-20 to +70°C
Relative humidity	10 to 95% noncondensing
Environment	Indoor

Regulatory

Certification	EN54-5, EN54-7
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