

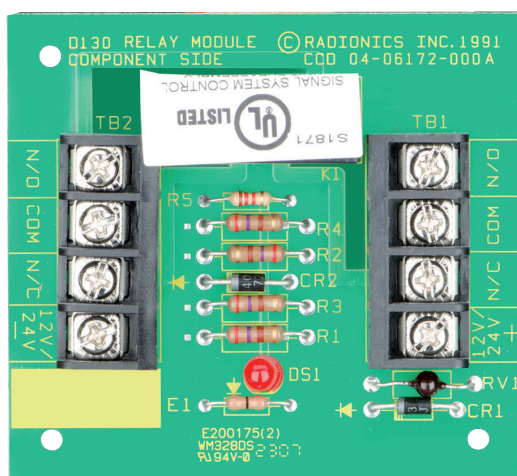
D130 Auxiliary Relay Module

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Invented for life



- ▶ 12 VDC or 24 VDC relay
- ▶ Allows switching of current or voltage
- ▶ Two non-latching Form C dry contact outputs
- ▶ Red LED shows coil is energized
- ▶ Mounts in control panel enclosure

The D130 Auxiliary Relay Module can be used with all Bosch Security Systems control panels. The relay module consists of a 12 VDC or 24 VDC relay. This device allows the system to handle larger amounts of current or different voltages that are beyond the control panel's auxiliary power rating, or the rating of modules such as the D8129 OctoRelay.



Notice

A UL Listed, 12 VDC or 24 VDC auxiliary power supply is required to supply power to the D130's coil.

The relay is polarized and has two sets of non-latching Form C contacts. When the contacts are in the inactive state, the normally-closed terminal has continuity with the common terminal. When the contacts are in the active state, the normally-open terminal has continuity with the common terminal. The relay is activated by switching polarity. A red LED lights to indicate the coil is energized.

System overview

Initiating Circuit Application

The D130 is commonly used with a D125B Dual Class B Initiating Module and a UL Listed 24 VDC power supply. In this configuration power to the detectors can be interrupted by a command from the fire alarm control panel (FACP).

Certifications and approvals

Region	Certification	
USA	UL	APOU: Proprietary Alarm Units (UL1076), UOJZ: Control Units, System (UL864, 9th edition)
	FM	
	CSFM	see our website
	FDNY-CoA	#6174 UL 864 9th Edition
	FDNY-CoA	6059 [D9412GV3 & D7412GV3]
	NYC-MEA	12-92-E, Vol. 12 12-92-E, Vol. 12

Region	Certification	
	NYC-MEA	12-92-E, Vol. 15 12-92-E, Vol. 15
	NYC-MEA	12-92-E, Vol. II 12-92-E, Vol. II

Installation/configuration notes

Compatible Products

The following products are compatible with the D130 Auxiliary Relay Module:

Category	Product ID	Product Description
Control Panels		All Bosch Security System control panels and FACP's
Modules	D125B	Dual Class B initiating module
	D8129	OctoRelay module
Power Supplies	D9142F	24 VDC auxiliary power supply

Mounting

The D130 Auxiliary Relay Module attaches to a mounting plate for easy mounting in any enclosure. The assembly can be mounted in the control panel's enclosure by means of supplied screws.

Wiring Considerations

The D130 can connect directly to the FACP or can connect through a D8129 OctoRelay Module. Refer to the installation instructions for the FACP or the D8129 for specific wiring requirements.

Parts included

Quantity	Component
1	D130 module
1	Mounting plate
1	Hardware pack
1	Literature pack

Technical specifications

Properties

Dimensions:	2.75 in. x 3.0 in. (7 cm x 7.6 cm)
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Outputs

Rating:	10 mA at 5 VDC minimum 5 A at 30 VDC maximum
Type:	Two non-latching Form C

Power Requirements

Current:	60 mA maximum
Voltage (operating):	12 VDC or 24 VDC nominal

Ordering information

D130 Auxiliary Relay Module

12 VDC or 24 VDC relay. Allows switching of current or voltage.

Order number **D130**

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