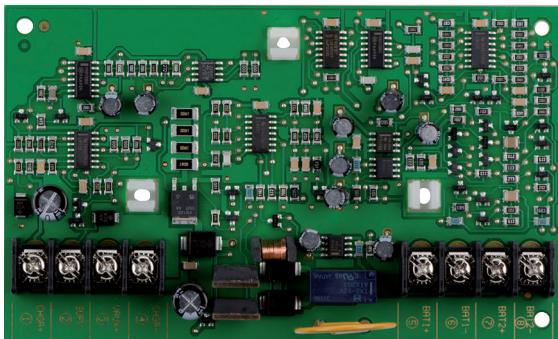


D113 Battery Lead Supervision Module

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Works with 12 V nominal systems
- ▶ Meets NFPA 72 requirements for battery lead supervision for fire alarm control panels (FACPs)

This module provides supervision of the battery lead connection in a system controlled by a Bosch Security Systems, Inc. 12 VDC control panel. This module may be used with other panels when referenced in the panel's installation/operation instructions. The module meets NFPA 72 requirements for battery lead supervision for fire alarm control panels (FACPs).

Functions

Trouble and Supervisory Conditions

When the D113 detects a disconnected battery lead, it creates a shorted condition on the supervising zone or point. The panel should be programmed according to the appropriate programming guide to generate a trouble response to a shorted condition on the loop. The D113 is reset by reconnecting the battery lead and clearing the trouble condition at the FACP.

Certifications and approvals

Region	Certification
USA	UL AMCX: Central Station Alarm Units (ANSI/UL 1610 and ANSI/UL 1635), AOTX: Local Alarm Units (ANSI/UL 609 and ANSI/UL 464), APOU: Proprietary Alarm Units (ANSI/UL 1076), NBSX: Household Burglar Alarm System Units (ANSI/UL 1023), UOXX: Control Unit Ac-

Region	Certification
	cessories, System (ANSI/UL 864), and UTOU: Control Units and Accessories, Household System Type (ANSI/UL 985)
	CSFM see our website
	NYC-MEA 12-92-E, Vol. XII
	NYC-MEA 12-92-E, Vol. XV

Installation/configuration notes

Compatible products

The following products are compatible with the D113 module:

Category	Product
Batteries	D126 Standby Battery (12 V, 7 Ah)
	D1218 Battery (12 V, 18 Ah)
Control panels	G series panels ¹

Category	Product
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¹ G-series = D9412GV4, D7412GV4, D7212GV4², D9412GV3, D7412GV3, D7212GV3², D9412GV2, D7412GV2, D7212GV2², D9412G, D7412G, D7212G²

² These products are legacy products and have been investigated for compatibility only to UL864 8th edition.

Parts included

Quantity	Component
1	D113 module
1	Snap track
1	Hardware pack (3 screws and module connection wires)
1	Literature pack (Installation Manual)

Technical specifications

Electrical

Voltage (input range)	10.2 V min to 13.9 V max
Voltage (battery)	12 V nominal
Current draw ¹	45 mA

¹ For battery calc, use 45 mA for alarm and 45 mA for standby

Ordering information

D113 Battery Lead Supervision Module

Supervises wiring connections for two 12 V batteries connected to the same set of charging terminals.

Order number **D113**

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