SS-MDL3R System Sensor Synchronization, RD

www.boschsecurity.com

BOSCH
Invented for life

▶ Silences horns and chimes over a 2-conductor loop

▶ Synchronizes strobes at 1 Hz

▶ Interconnects modules for multiple zone synchronization

▶ Module controls two Class B or one Class A circuit (3 A)

▶ NAC interconnect feature enables synchronization of modules over a supervised NAC loop

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	UL	ANSI/UL 464, Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories
	FM	see the FM Approval Guide
	CSFM	see the Bosch website (www.boschsecurity.com)

Installation/configuration notes

Mounting considerations
The SS-MDL3R module mounts on a 4-11/16 in. x 4-11/16 in. x 2-1/8 in. deep back box.

Wiring considerations
The input terminals can accept solid wires between 12 AWG (ISO 4 mm^2) and 18 AWG (ISO 0.75 mm^2).

Parts included

Quantity	Component
1	SS-MDL3R Synchronization module
1	Hardware pack - 4 mounting screws
1	Literature pack - Installation instructions

Technical specifications

Electrical

Input voltage range (regulated)[1]	12 VDC/FWR (8.0 to 17.5 V) or 24 VDC/FWR (16.0 to 33 V)
Load on loop (maximum)	3 A

Current Draw (average)

At 12 V	DC = 10 mA FWR = 12 mA
At 24 V	DC = 12 mA FWR = 15 mA

[1] When strobes are connected to the synchronization module, the input voltage range at 12 V is 8.5 to 17.5 VDC/FWR and at 24 V the range is 16.5 to 33 VDC/FWR.

Note: For input current draw, synchronization, and wiring information when using the SS-MDL3R in NAC interconnect circuits, see the *Installation and Maintenance Instructions* provided with the product.

Environmental

Temperature (operating)	+32°F to +120°F (0°C to +49°C)

Trademarks
All hardware/software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Ordering information

SS-MDL3R System Sensor Synchronization, RD
The SS-MDL3R module allows synchronizing temporal-coded horns, synchronizing strobe flash time to 1 s, and silencing horns in horn/strobe combinations.
Order number **SS-MDL3R**