

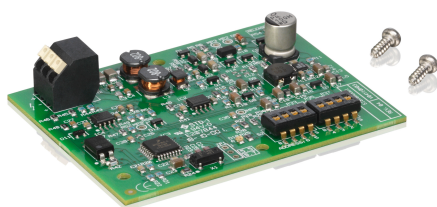
PVA-1WEOL End Of Line Slave Module

www.boschsecurity.com



BOSCH

Invented for life



- ▶ Compatible with 100 V, 70 V or 50 V loudspeaker lines
- ▶ Powering of the module via loudspeaker line (pilot tone)
- ▶ Multiple modules at one loudspeaker line possible
- ▶ Up to 60 modules can be connected
- ▶ EN 54-16: 2008

The End Of Line (EOL) Slave Module monitors the integrity of a loudspeaker line. In combination with an EOL master, integrated in every Controller and Router of the PAVIRO system, the loudspeaker line can be monitored against short-circuit or open-circuit. The status LED of the module can help to check the installation. Please refer to the documentation of IRIS-Net or the Controller/Router for more details.

Status LED	Description
Off	No voltage supply
Slow flashing (2 Hz)	Module ready
Rapid flashing (10 Hz)	Data is being received

Certifications and approvals

EN 54-16: 2008

Installation/configuration notes



Notice

Please ensure that all safety regulations are observed. Mounting the module on spacers is strongly recommended.



Notice

The module address must be unique for all modules connected to one controller or one router.

		6	5	4	3	2	1	Module address
DIP switch S2		DIP switch S1						
4	3	2	1	4	3	2	1	
		OFF	OFF	OFF	OFF	OFF	OFF	0 (not connected)
		OFF	OFF	OFF	OFF	OFF	ON	1
		OFF	OFF	OFF	OFF	ON	OFF	2
		OFF	OFF	OFF	OFF	ON	ON	3
		OFF	OFF	OFF	OFF	OFF	OFF	4
		OFF	OFF	OFF	ON	OFF	ON	5
		OFF	OFF	OFF	ON	ON	OFF	6
		OFF	OFF	OFF	ON	ON	ON	7
		OFF	OFF	ON	ON	OFF	OFF	8
		OFF	OFF	ON	OFF	OFF	ON	9
		OFF	OFF	ON	OFF	ON	OFF	10
		OFF	OFF	ON	OFF	ON	ON	11
		OFF	OFF	ON	ON	OFF	OFF	12
		OFF	OFF	ON	ON	OFF	ON	13
		OFF	OFF	ON	ON	ON	OFF	14
		OFF	OFF	ON	ON	ON	ON	15
		OFF	ON	OFF	OFF	OFF	OFF	16
		OFF	ON	OFF	OFF	OFF	ON	17
			:	:	:	:	:	:
		ON	ON	ON	ON	OFF	OFF	60
	OFF							Reserved
	ON							
OFF								To activate the status LED for five minutes, switch from ON to OFF
ON								

* DIP switch settings on the module (the settings on delivery are shown in bold)

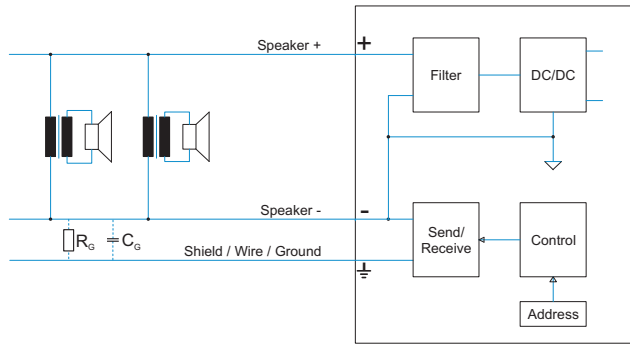
Parts included

Quantity	Component
1	PVA-W1EOL
2	Screw
1	Installation note

Technical specifications

Power supply	18–22 kHz, 8 V _{eff} , 20 mW
Minimum R _G (resistance between speaker line and ground)	1.5 MΩ
Maximum C _G (capacity between speaker line and ground)	400 nF

Operating temperature	-5 °C to +45 °C
Product dimensions (Width × Height × Depth)	78 × 15 × 60 mm
Net weight	30 g



Circuit diagram

Ordering information

PVA-1WEOL End Of Line Slave Module

End Of Line (EOL) slave module

Order number **F.01U.305.077**

Represented by:

Americas:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
203 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com