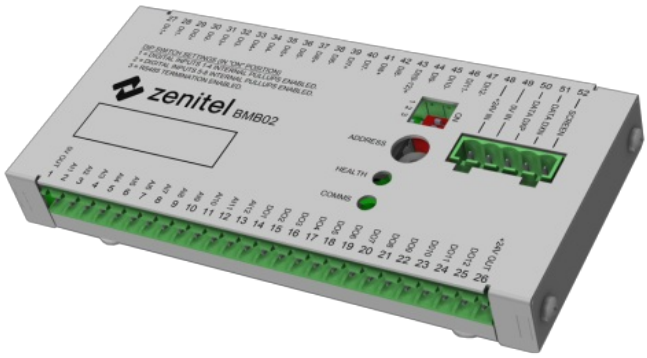
DATASHEET

1200550031

BMB02

Din Rail Mount I/O Expansion Device



- EXPANDS THE CAPABILITY OF THE ZENITEL PAVA AUDIO ROUTER
- LOW PROFILE DIN RAIL MOUNT CASING
- 12 ANALOGUE INPUT
- 12 DIGITAL (OPTO-ISOLATED) INPUTS
- 12 DIGITAL (OPEN COLLECTOR) OUTPUTS
- MULTI-DROP RS485 SERIAL INTERFACE
- COMPATIBLE ZENITEL'S RANGE OF PAVA DSP AUDIO ROUTERS
- INTEGRATED PART OF THE EN 54-16 CERTIFIED PAVA SYSTEM

Public Address | Voice Alarm | Commercial Audio | Civil Defence Approval | EN54 | EN 54 Certified

Description

The BMB02 is a compact DIN-rail mountable enclosure, that functions as an input and output contact (I/O)expander specifically designed to enhance the capabilities of Zenitel's PAVA system. This device acts as an extension, augmenting the features of the PAVA System. BMB02 is a direct replacement for the BMB01.

The BMB02 connects to a host Audio Router using DC power and a RS485 serial interface, supporting multi-drop communication that can accommodate up to nine units connected in parallel. Typically, the BMB02 is installed inside the PAVA cabinet alongside the host audio router. However, utilizing standard CAT5/6 cable, the expander can be placed externally up to 500 meters away from the host device.

Each BMB unit supports: 12 optionally monitored analogue inputs, 12 opto-isolated digital inputs and 12 monitored digital outputs with open collector configuration. The GPIO offers a range of functions including:

- Program Selection
- Volume Control
- Third-party Fault Monitoring and Reporting
- Routing Control
- Zone Busy Status Outputs

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Used With



VIPEDIA-12-NET

PAVA Audio router with network card

Item Number: 1200100012



VIPEDIA-12-PRO

PAVA Audio router with network card - Dante Enabled

Item Number: 1200100121



INTEGRA-PRO-03

PAVA Wall Mount System (3 amp channels pre installed) - Dante® Enabled

Item Number: 1200300031



INTEGRA-PRO-05

PAVA Wall Mount System (5 amp channels pre installed) - Dante® Enabled

Item Number: 1200300051



INTEGRA-PRO-07

PAVA Wall Mount System (7 amp channels pre installed) - Dante® Enabled

Item Number: 1200300071



INTEGRA-PRO-10

PAVA Wall Mount System (10 amp channels pre installed) - Dante® Enabled

Item Number: 1200300101



INTEGRA-03

Wall Mount PAVA System (3 amps)

Item Number: 1200300030



INTEGRA-05

PAVA Wall Mount System (5 amp channels pre installed)

Item Number: 1200300050

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INTEGRA-07

PAVA Wall Mount System (7 amp channels pre installed)

Item Number: 1200300070



INTEGRA-10

PAVA Wall Mount System (10 amp channels pre installed)

Item Number: 1200300100



ANS04-ES

Wall Mount Sample and Hold Ambient Noise Sensor

Item Number: 1200500040

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