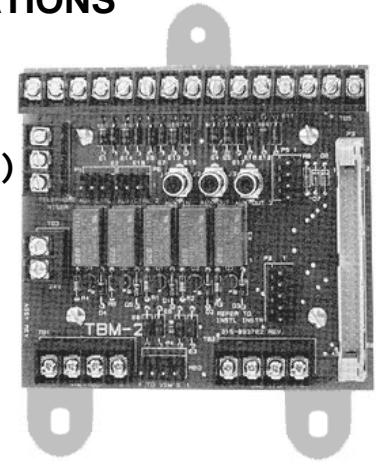


MXL / MXLV

MXLV Terminal Block Module Model TBM-2

ARCHITECT AND ENGINEER SPECIFICATIONS

- Audio-riser connection
- Telephone-riser connection point
- Audio input from the Digital Message Card (Model DMC-1)
- Auxiliary-audio input jack
 - Radio Corporation of America (RCA) type
- Configurable auxiliary-recording output jack
 - RCA type
- **UL 864 9th Edition Listed, ULC Listed;
FM, CSFM, and NYMEA Approved**



Product Overview

Model TBM-2 from Siemens — Fire Safety is an MXLV module that acts as the central connection point for audio functions which include audio and telephone-riser wiring. The Audio Control Module (Model ACM-1) communicates with other MXLV modules through Model TBM-2.

Model TBM-2 provides various screw terminal blocks and connectors for interface between internal and field wiring. Through the use of Model TBM-2, the number of connections and discrete internal wires are kept to a minimum, simplifying installation and system check out.

Audio risers may be connected in either Style Y (Class B) or Style Z (Class A) configuration. A telephone riser may be connected in a Style Y (Class B) configuration.

Model TBM-2 also provides a RCA-type jack for connection of an external audio source, and a RCA-type jack for connection to an external audio recording unit.

This recording jack is configurable to monitor either the microphone or telephone channels. When configured to monitor the microphone, it will become active whenever the microphone key-switch is pressed. When configured to monitor telephone traffic, it will become active whenever a telephone station is on line. A dry-contact output is available on Model TBM-2 to start a recording device.

Model TBM-2 mounts on provided studs in the upper right side of the Model MBR-2 enclosure back box.

Specifications

The emergency voice alarm / communication system shall provide a single module which shall act as the central connection point for audio functions including audio and telephone riser wiring. The audio control module shall communicate with other voice system modules through the terminal block module, Model TBM-2.

Model TBM-2 shall provide various screw terminal blocks and connectors for interface between internal and field wiring. Through the use of Model TBM-2, the number of connections and discrete internal wires shall be kept to a minimum, facilitating easy installation and system checkout.

Audio risers shall be capable of being connected in either Style Y (Class B) or Style Z (Class A) configuration. A telephone riser shall only be capable of being connected in a Style Y (Class B) configuration.

Model TBM-2 shall also provide a RCA-type jack for connection of an external audio source and a RCA-type jack for connection to an external audio recording unit. This recording jack shall be configurable to monitor either the microphone or telephone channels. When configured to monitor the microphone, Model TBM-2 shall become active whenever the microphone key-switch is pressed. When configured to monitor telephone traffic, it shall become active whenever a telephone station is on line. A dry-contact output shall be available to start a recording.

MXLV Terminal Block Module 5029

Temperature and Humidity Range

Model TBM-2 is $\text{UL 864 9}^{\text{th}}$ Edition listed for indoor dry locations within a temperature range of $120\pm 3^{\circ}\text{F}$ ($49\pm 2^{\circ}\text{C}$) to $32\pm 3^{\circ}\text{F}$ ($0\pm 2^{\circ}\text{C}$) and at a relative humidity of $93\pm 2\%$ at a temperature of $90\pm 3^{\circ}\text{F}$ ($32\pm 2^{\circ}\text{C}$).

Electrical Data

— Audio and Telephone Risers —

Maximum wire size: 14 AWG twisted pair, shielded

Minimum wire size: 18 AWG twisted pair, shielded

Maximum loop resistance: 20 ohms for both wires

Installation and Operation Manual [IOM]

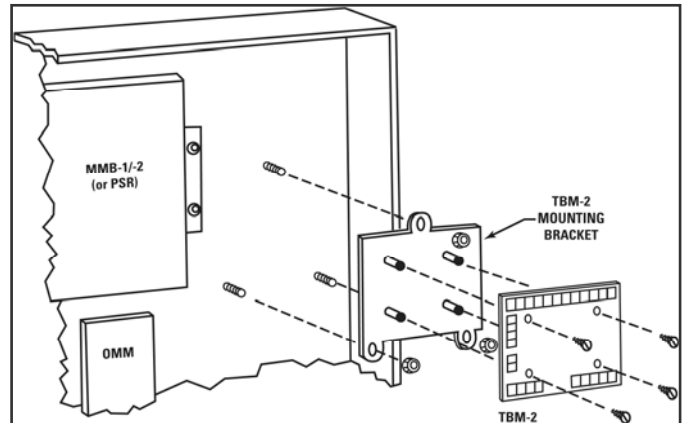
Model Number	Part Number	Description
TBM-2	315-093782	Terminal Block Module

Note: For further details, refer to MXLV IOM manual: 315-092036.

Related Documentation

Product	Catalog Sheet Number
BCM-1	5028
MXLV	5035

Mounting Diagram



Details for Ordering

Model Number	Part Number	Description
TBM-2	500-893779	Terminal Block Module

Notice: This marketing catalog sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.

SIEMENS Industry, Inc.
Building Technologies Division

Fire Safety
8 Fernwood Road
Florham Park, NJ 07932
Tel: (973) 593-2600
FAX: (908) 547-6877
URL: www.SBT.Siemens.com/FIS

(SII-FS)
Printed in U.S.A.

Fire Safety
2 Kenview Boulevard
Brampton, Ontario
L6T 5E4 / Canada
Tel: (905) 799-9937
FAX: (905) 799-9858

May 2011
Supersedes sheet dated 7/01
(Rev. 1)