

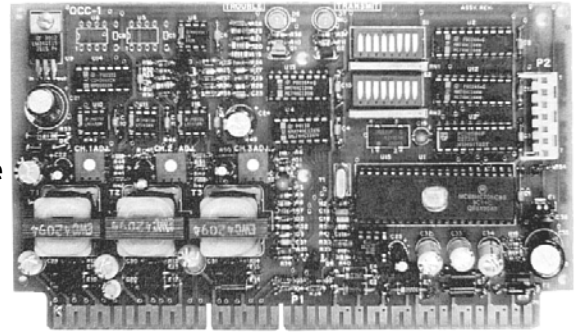


MXL / MXLV

MXLV Output-Control Card Model OCC-1

ARCHITECT AND ENGINEER SPECIFICATIONS

- Controls and supervises up to 11 audio-output cards
- Gold-plated card-edge fingers
- Plugs into Model OMM-1 or Model OMM-2 card cage
-  UL 864 9th Edition Listed,  ULC Listed;
CSFM, NYMEA and City of Chicago Approved



Product Overview

The Output Control Card (Model OCC-1) from Siemens Industry – Fire Safety is an MXLV module that plugs into a half-width slot in Model OMM-1 or Model OMM-2 card cage. Model OCC-1 acts as a controller for other MXLV modules; processing commands received from the MXL network, and directing them to the appropriate cards or modules to produce the desired output.

Up to three (3) audio risers connect to Model OCC-1 through screw terminals on the Model OMM-1 or OMM-2 card cage. The Firefighters Telephone riser also connects to Model OCC-1. The audio buses are routed to the respective audio-channel amplifier sets – either central or distributed. The telephone riser is routed to either the Model ZCT zone cards or the Model ICP telephone-zone modules.

Model OCC-1 supervises the cards plugged into Model OMM-1 or OMM-2. As each card is supervised, Model OCC-1 responds with the status of Model OMM-1 / 2. This status information is then sent to the MXL over the high speed RS-485 network bus as required.

At least one (1) Model OCC-1 is required in the MXLV system. Each Model OCC-1 can supervise and control up to 11 plug-in cards, each having a unique sub-address (three [3] full Model OMM-1 cards). Additional Model OMM-1 cards can be added as necessary.

Each Model OCC-1 occupies one (1) MXL network address and provides the aforementioned 11 sub-addresses. The MXL network address is set using a DIP switch on Model OCC-1 card.

The Model OCC-1 card-edge fingers are gold plated for maximum reliability. A key is supplied with each Model OCC-1, which – when inserted into the card-edge slot – will prevent any other option module from being inadvertently placed in that location.

A Model BTC-1 may be plugged onto Model OCC-1 to provide a backup-tone generator for use in a degrade mode.

Specifications

Plug-in cards shall be supervised and controlled using a microprocessor-based module (Model OCC-1) through which audio-and-telephone-riser circuits are routed. This module shall also be a plug-in card. Model OCC-1 shall occupy one-half-width slot in the Model OMM-1 or OMM-2 card cage and one (1) address on the high speed RS-485 network bus. Network addresses shall be set using on-board DIP switches. This module shall control and supervise up to 11 plug-in cards. Multiple Model OCC-1 cards shall be used to accommodate additional option modules as needed.

Model OCC-1 shall provide the ability to use a plug-in, backup-tone generator for operation in a degrade mode.

Model OCC-1 shall be supplied with a key, which – when inserted into the card-edge slot – will prevent any other option module from being inadvertently placed in that location.

Module card-edge fingers shall be gold plated.

Electrical Ratings

End-of-Line Resistors:

Audio Risers:	10K Ohms, ½ Watt, 5% Part No.: 140-820396
Telephone Risers:	5.6K Ohms, ½ Watt, 5% Part No.: 140-820390
Max. Loop Resistance:	20 Ohms (both wires)
Maximum Wire Size:	14 AWG twisted, shielded pair
Minimum Wire Size:	18 AWG twisted, shielded pair

Installation and Operation Manual [IOM]

Model Number	Part Number	Description
OCC-1	315-090918	MXLV Audio-Output Control Card

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

Related Documentation

Product	Data Sheet Number
MXLV	5035

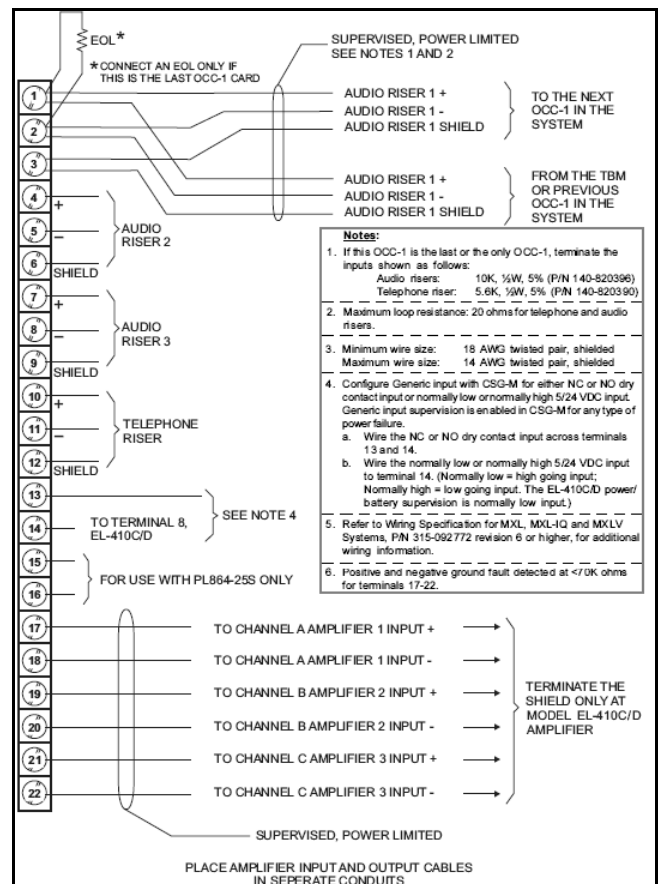
Temperature and Humidity Range

Model OCC-1 is UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative humidity of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

Details for Ordering

Model Number	Part Number	Description
OCC-1	500-891184	MXLV Audio-Output Control Card

Connectivity Chart



Notice: This marketing data 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

March 2011
Supersedes sheet dated 4/03
(Rev. 1)