

SIEMENS*Ingenuity for life*

Desigo® Fire Safety Modular system

Output Control Module Model OCM-16

Architect & Engineer Specifications

- ☐ Provides 16 open-collector outputs to drive light-emitting diodes (LEDs), incandescent lamps or external relays
- ☐ Contains output for local audible
- ☐ Provides two (2) inputs for module 'Lamp Test' and 'Local Audible Silence'
- ☐ All circuits are power-limited
- ☐ Logic controls output activation
- ☐ Mounts remotely from fire-alarm control panel (FACP)
- ☐ UL864 & CAN / ULC-S576 Listed

Product Overview

The Output Control Module (Model OCM-16) is a remotely located, general-purpose output module that provides 16 open-collector outputs to drive LEDs, incandescent lamps or external relays. There is an additional output for a local audible and two inputs for momentary lamp test – as well as local, audible silence switches.

Specifications

Model OCM-16 is mounted in an enclosure that is remotely located from the main-control panel. Communication between Model OCM-16 and Model NIC-C is through the Control Area Network (CAN) bus.

Each Model OCM-16 has two (2), 10-position rotary switches that are used to set the board address on the CAN, which is a sub-address of Model NIC-C. The 16 outputs of Model OCM-16 are controlled by messages received from the NIC-C over the CAN bus.

A CAN message can activate any or all of the 16 open-collector outputs to drive LEDs, incandescent 24-volt lamps or relays.

Whenever any of the outputs are activated, (LEDs, lamps or relays are 'ON') the local audible (if installed) will sound, until acknowledged. If the outputs are de-activated before the alarm is acknowledged, the alarm will silence.

The lamp test and audible-silence switch on multiple Model OCM-16 modules can be connected to a single switch – one for each function. A single audible can also be used with multiple Model OCM-16 modules.

Model OCM-16 may be installed in a REMBOX2, REMBOX4 or in any other UL 864 9th Edition Listed enclosure. If using REMBOX2 or REMBOX4, mount Model OCM-16 in one (1) space on the REMBOX2-MP or REMBOX4-MP.

Up to four (4) Model OCM-16 modules will mount in REMBOX2.
Up to eight (8) Model OCM-16 modules will mount in REMBOX4.
Model OCM-16 fits in a single System 3 module footprint.



Model OCM-16
Output Control
Module



Temperature and Humidity Range

Products are 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).

Electrical Ratings

INPUT POWER	
24V CURRENT DRAW [Back Plane]	0
24V CURRENT DRAW [Screw Terminal]	14mA, max + 10mA (per active LED)
6.2V CURRENT DRAW [Back Plane]	0
24V CURRENT DRAW [Standby]	14mA, max + 10mA (per active LED)
OUTPUT POWER	
CAN NETWORK PAIR	8V, peak-to-peak, max
	75mA, max. (during message transmission)

Details for Ordering

MODEL OR TYPE	PART NUMBER	PRODUCT
CCL	599-634214	CAN CABLE – 3 Ft. (0.91 cm.) {L}, Required
OCM-16	500-033150	Output Control Module
REMBX2	500-633772	Small Lobby Enclosure
REMBX4	500-633914	Medium Lobby Enclosure

NOTICE – The information contained in this data-sheet document is intended only as a summary, and is subject to change without notice. The product(s) described here has/have a specific instruction sheet(s) that cover various technical, limitation and liability information. Copies of install-type, instruction sheets – as well as the *General Product Warning and Limitations* document, which also contains important data, are provided with the product, and are available from the Manufacturer. Data contained in the aforesaid type of documentation should be consulted with a fire-safety professional before specifying or using the product.

Any further questions or assistance concerning particular problems that might arise, relative to the proper functioning of the equipment, please contact the Manufacturer.

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August - 2020
(Rev. 1)