I/O Control Panels

**CMP-IOM**

The Intelligent Output Module (IOM) is part of OSSI’s Foundation Solution. It provides high density, programmable outputs to control doors, lighting, and other equipment. The outputs can be activated or deactivated on the basis of the change in an input status, time or operator command.

This controller is part of a modular system that allows the designer to combine Reader Modules (IRM), Input Modules (IIM) and Output Modules (IOM) as needed to meet the requirements for a multitude of applications.

**PROGRAMMING**
- On-board replaceable lithium battery maintains critical memory for up to three months
- Flash memory for rapid firmware upgrades
- On board memory holds 10,000 transactions
- Watchdog timer
- Automatic detection of new panels
- Automatic configuration of new panels
- Automatic device assignments
- Automatic downloads

**COMMUNICATIONS**
- Supports up to 32 modules (IIM, IOM, or IRM) on a multi-dropped single comm line or TCP/IP connection
- High baud rate RS485 Communication

**INPUTS/OUTPUTS**
- 16 Multi-purpose Form-C relay outputs Extensive transient protection for better reliability
- 4 Multi-state inputs, configurable for 2, 3 or 4-state supervision

**TERMINATION**
- Removable screw terminals for up to 12 AWG

**OPERATING TEMPERATURE**
- 0° to 50° C
- 32° to 122° F

**ENCLOSURE DIMENSIONS**
- PCB Board: 4.5”w x 6”h x 1.5”d
- 2-Door Enclosure: 12”w x 13”h x 4.5”d
- 4-Door Enclosure: 15”w x 17.5”h x 4.5”d
- 8-Door Enclosure: 18”w x 29.5”h x 4.5”d

**POWER**
- 12 VDC nominal (13.8 VDC max/10.8 VDC min)
- 9 Watts (including comm daughter board)
- 650 mA peak
- On board +5 VDC input with thermal shutdown
- PTC Fusing

**DATA**
- TCP/IP, RS-485 (full duplex), or RS-232
- 2,400 to 115,200 bps

**ORDERING INFORMATION**

**CMP-IOM 001**
- INTELLIGENT OUTPUT MODULE ONLY

**CMP-IOM 201**
- (1) IOM, 1 PANEL ENCLOSURE

**CMP-IOM 211**
- (1) IOM, 1 PANEL ENCLOSURE INC CDB001

**CMP-IOM 251**
- (1) IOM, 1 PANEL ENCLOSURE INC CDB005

**CMP-CDB001**
- 485 COMMUNICATION DAUGHTER BOARD

**CMP-CDB005**
- ETHERNET COMMUNICATION DAUGHTER BOARD

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