

Remote Display Module and Remote Display Control Module

FEATURES

- *Remote Display Control Module (RDCM) mimics display and control faceplate of PEGAsys™ control panel*
- *Remote Display Module (RDM) mimics display faceplate of PEGAsys control panel*
- *Linkable into PEGAsys peer-to-peer network for network display and control functions*
- *Backward compatible with all existing PEGAsys control panels with appropriate central control module (NCCM)*
- *RS-485 multi-drop configuration provides wire runs of up to 4000 feet from the PEGAsys control panel*

DESCRIPTION

The Remote Display Control Module (RDCM) and the Remote Display Module (RDM) function as remote addressable adjuncts to the PEGAsys™ control panel and mimic the control panel's LCD and LED front displays. The RDCM also provides access to the PEGAsys panel and PEGAsys network via emulation of the panel's control switches and tactile response numeric keypad. The RDM is a "read-only" device.

The RDCM communicates with the PEGAsys control panel via an RS-485 interface (single pair, #18 AWG, twisted/shielded wires) in a multi-drop configuration capable of supporting up to 31 remote modules. The installation of RDCMs and RDMs can be in any combination so long as the maximum number for each module (16 RDMs, 15 RDCMs) is not exceeded.

Remote 24 VDC power is required and can be provided by the PEGAsys PSU or a separate supply which is UL listed for fire-alarm applications. In either instance, remote power is supervised by the RDCMs and RDMs with power failure indicated locally and at the PEGAsys control panel.

With the proper password, the RDCM operator-interface function and numeric keys can control PEGAsys and PEGAsys network-critical operations: Acknowledge, Silence, Reset, Scroll, and Menu Access.



The PEGAsys control panel or one RDCM can be programmed as the master unit to control the system under alarm or fault conditions. Operation of an alternate (non-master) unit will grant this module exclusive control of the system for a period of 30 seconds. To prevent conflicting inputs under these conditions, attempts to input from another module will prompt a lockout-display message on the module attempting the interrupt. Under all conditions, the master will have immediate system control.

The RDCM thus provides total system and network control contained within a miniaturized package.

SPECIFICATIONS

ELECTRICAL

Input Voltage:	24 VDC
Supervisory Current:	64 mA
Alarm Current:	85 mA
RS-485 Network:	Up to 4000 ft. from PEGAsys control panel using #18 AWG twisted/shielded wire
Maximum RDCM/RDMs:	31 modules, consisting of up to 15 RDCMs (max.) and 16 RDMs (max.)
Wiring Style:	NFPA Style 4, Class "B"

MECHANICAL

Dimensions:	12.05 in. W x 7.156 in. H
Weight:	4 lbs., 13 oz.

ENVIRONMENTAL

Operating Temperature:	32°F (0°C) - 120°F (49°C)
Operating Humidity:	95% non-condensing

ORDERING INFORMATION

REMOTE DISPLAY CONTROL MODULE

P/N 76-300000-502

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