Remote Display/Control Module
Model RDCM

F-74-601

FEATURES
- 80-Character LCD Display
- Up to 15 Modules per FENWALNET™ 6000 System
- May be located up to 4,000 Feet from Control Unit
- Full Complement of Functional Keys and LEDs

DESCRIPTION
The Model RDCM Remote Display/Control Module provides an additional point of event reporting and operator intervention/control for a FENWALNET 6000 system. It features an 80-character LCD display that duplicates all the information on the main-control-unit display.

The Model RDCM contains the following functional keys:
- Event Acknowledgement
- Alarm Silence
- System Reset
- Display Scroll

There are twelve digit/navigation keys that enable full menu functionality.

The six system-level LEDs correspond to the following general conditions:
- Module Power
- Alarm
- Pre-Alarm
- Alarm Silence
- Supervisory
- Trouble

The Model RDCM communicates with the FENWALNET 6000 Control Unit via an external RS-485 communications circuit, with the most remote module capable of being located up to 4,000 feet from the control unit. Up to 15 RDCMs can be connected in a bus configuration to the RS-485 communications circuit.

The Model RDCM can be powered from a FENWALNET 6000 power supply, or from an external, regulated, and power-limited power supply Listed for use with fire-protective-signaling systems, depending upon the total load of the remote outputs. A typical external power supply is Fenwal® P/N 89-300022-001.

INSTALLATION
The Model RDCM is supplied in an enclosure that is suitable for surface or semi-flush mounting.

Refer to Figure 1 for module-mounting dimensions.

ELECTRICAL

Network Wiring: Style 4, Supervised and Power-Limited

Wire Type: Twisted, Shielded, Low-Capacitance, Fire-Alarm Wire (Recommended)

Wire Size: #18 AWG (minimum)

Maximum Network Wiring Distance: 4,000 Feet

Communications: Per RS-485 Standard

Operating Voltage: 24 VDC (nominal)

Standby Current: 0.064 A

Alarm Current: 0.085 A

Maximum RDCM: 15 (per control unit)
Figure 1. RDCM Mounting Dimensions

MECHANICAL

Dimensions: 12.19 in. W x 7.19 in. H x 2.33 in. D
Weight: 4.8 lbs.

ENVIRONMENTAL

Operating Temperature: 32°F(0°C) to 120°F(49°C)
Relative Humidity: 85% at 90°F (non-condensing)

ORDERING INFORMATION

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<th>Part Number</th>
<th>Description</th>
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<td>74-600000-005</td>
<td>RDCM in Blue Enclosure</td>
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<tr>
<td>74-600000-515</td>
<td>RDCM in Red Enclosure</td>
</tr>
<tr>
<td>74-600000-010</td>
<td>Blue Trim Ring</td>
</tr>
<tr>
<td>76-600000-010</td>
<td>Red Trim Ring</td>
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