

Model RND-2 Remote Network Annunciator

Features

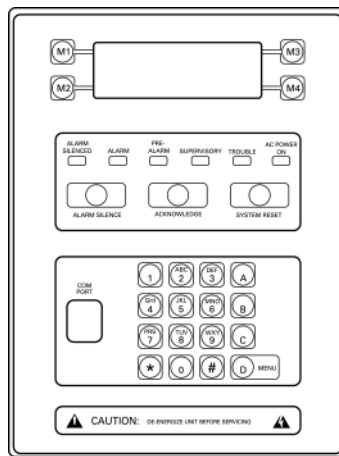
- 80 character, alphanumeric backlit display
- Annunciates and stores all MPC-Net2 network activity
- Up to 16 RDC-2 annunciators may be attached to the RND-2
- Provides global reset, alarm silence and acknowledge
- Semi-flush mounting option
- Serves as Global Dialer when combined with MPC-DACT
- UL listed, MEA & CSFM pending and FM approved



Description

The RND-2 is designed to annunciate network events (alarms, troubles and supervisories) on the MPC-Net2 network. It is capable of scrolling through network events, while acknowledging these events globally. In addition the RND-2 can perform global alarm silence and reset functions. The RND-2 can log on to any panel on the network. At that point, access to user and maintenance levels for that panel are available at the RND-2.

The 80-character display is used to display event data, including alarms and troubles, identification of zone or device, and presentation of history. The display is controlled by a set of four push button switches commanding the control processor. A back light is included in the display to assure visibility in low light, but to conserve power, it is only activated during a reported event or on operation of a display control switch.



Individual LEDs on the panel are provided to indicate System Alarm, Pre-Alarm, Supervisory, Alarm Silenced, System Trouble and AC Power ON. Direct push-button controls are provided for Alarm Silence, Trouble Silence/Acknowledge, Menu and System Reset.

Up to 16 RDC-2 remote annunciators can be slaved off one RND-2. The RDC-2 duplicates the display and control functions of the RND-2.

General Specifications

Environmental

- Operating temperature: 32-120°F (0-49°C)
- Relative humidity: Up to 85% @ 86°F (30°C)

Primary Supply

- Primary Input Voltage: 120 VAC (60 Hz) nominal
- Maximum primary input current: 1.3A @120 VAC

Secondary and Trouble Power Supply

- 24 volt lead-acid battery set:
- Maximum Charge Voltage: 27.8VDC
- Maximum Charge Current: 1.0 A
- Maximum Input Current: 3.5A
- Battery capacity: 7-38 AH (over 7 AH requires separate enclosure)

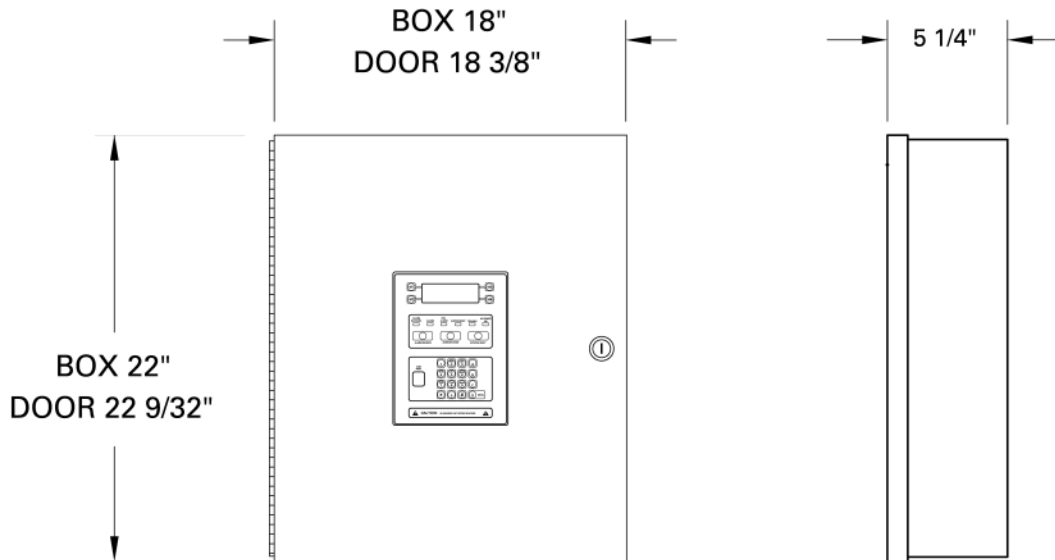
Auxiliary Power Outputs

Current:
0.5 amp maximum available
for auxiliary power outputs,
RS485 circuit and option boards
– 0.4 amp maximum per power
output Non-Resettable
Power Outputs Power limited
Voltage: 24 VDC nominal
Ripple: 1.5 VAC maximum
Resettable Power
Output Power limited
Voltage: 24 VDC nominal
Ripple: 1.5 VAC maximum

RS485 Communications Circuit

Power limited
Supervised
Voltage: 24 VDC nominal
Current: 0.5 amp maximum
available for auxiliary power
outputs, RS485 circuit and
option boards – 0.4 amp maxi-
mum for RS485 circuit
Maximum wire loop resistance:
25 ohms/line
Communications: RS485

Dimensions



Ordering Information

Model	Description	Part No.
RND-2	RND-2 remote annunciator	599-649593FA
12523A	Network interface board for RND-2, MPC-6000 or MPC-7000 (external) mounting	500-649106FA
12603A	Network interface board for RND-2, MPC-6000 or MPC-7000. Mounts within the enclosure.	500-649107FA
Accessories		
SFTK-6R	Semi-flush trim, red	500-648955FA
RDC-2	RDC-2 LCD annunciator	500-699661FA



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