

Overview

Relay Panel (RP) may be fitted with optional equipment to suit an application. These options are applicable on RP16, 32, and 48 unless otherwise noted. See RP Data Sheet for ordering information.

Special Options

347VAC Transformer (Replaces Standard Transformer)

Type: UL Listed Single Tap

Primary: 347VAC, 50VA, 60 Hz

Secondary: 24VAC +/-10% Inherently Limited

Wire Requirement: 18AWG Minimum (Solid or Stranded)

(Also available on RP08)

Auxiliary Transformer

Matched to primary transformer specification 120/277 or 347VAC

UL924 Emergency Bypass

UL924 provides energy management control of emergency lighting circuits during normal operation while maintaining emergency function during power loss. See the UL924 Data Sheet for details.

Low Voltage Bay

Dimensions

Bay Interior: 9.00"(229mm)H x 17.88"(454mm)W x 5.00"(127mm)D

RP Overall: Add approximately 9.00"(229mm) to overall RP height

Location: Bottom of RP

Custom Option: Dead Front Cover (reduces bay depth to 4.30"(109mm))

RP equipped with Low Voltage Bay UL Listed, UL508A, US/Canada

Low Voltage Bay Options

24VDC Power Supply*

Factory wired for power (requires 120VAC at RP Transformer Primary)

Secondary: 2.5A 24VDC +/- 1% (Adjustable from 22.5-29.5VDC)

Wire: 24-12AWG (Solid or Stranded)

BACnet IP Router*

Routing between BACnet MS/TP and BACnet Ethernet / IP

Factory wired for power (24VAC from included auxiliary transformer) and BACnet MS/TP 9600 (19200, 38400, and 76800 available at reduced network capacity)

Ethernet Connection

- Network Type: BACnet Ethernet / IP
- Data Rate: 10/100 Mbps
- Wire Requirement / Maximum Length: CAT5 / 328'(100m)

Line Voltage Bay

Dimensions

Bay Interior: 9.00"(229mm)H x 17.88"(454mm)W x 4.30"(109mm)D

RP Overall: Add approximately 9.00"(229mm) to overall RP height

Location: Top of RP (maintains left and right wire chases from top of RP)

Accessories: Dead Front Cover (separates line and low voltage compartments)

RP equipped with Line Voltage Bay UL Listed, UL508A, US/Canada

Line Voltage Bay Options

Multi-pole Electrically Held Lighting Contactors*

Coil: 120 / 277 VAC

Contactors: 4 Pole N/O, 30A @ 600VAC Maximum

Wire: 18-10AWG (Stranded copper wire)

Quantity: Specify 1,2, or 4 Contactors for control of up to 16 circuits

Requires 1 dedicated LTR per Contactor

Low and Line Voltage Bay

Dimensions: Add approximately 18.00"(457mm) to overall RP height
(Not applicable on RP64)



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System Architecture

