

# RELAY CONTROL PANEL (RCP)



## DESCRIPTION

Relay Control Panels deliver power and performance in compact and cost-effective 8-circuit and 16/24-circuit models. Relay Control Panels are the ideal solution for smaller, stand-alone applications that do not require the field configuration or advanced networking features.

The Relay Control Panel switching circuit offers an unprecedented 1,000,000 cycle life for unmatched durability. For maximum equipment protection, the standard 30A latching relay card has a short circuit current rating (SCCR) of 18,000A to allow it to withstand higher current inrushes caused by short circuit conditions. Low-voltage inputs allow connection of photocells, occupancy sensors, low-voltage switches and digital switches for a comprehensive yet easily installed energy management solution.

Designed in compact, 13" x 13" (8-circuit model) standard electrical enclosure, Relay Control Panels are engineered to be contractor friendly, quick to install and simple to configure.

## ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **RCP8-1P04**

CAT. NO.	DESCRIPTION
RCP8-1P04	8 Relay Panel, (4) 1-Pole 30A 120V/277V Relays, (4) empty slots. 120V, 277V, 347V input power. With 8 Low Voltage Inputs
RCP8-1P08	8 Relay Panel, (8) 1-Pole 30A 120V/277V Relays. 120V, 277V, 347V input power. With 8 Low Voltage Inputs
RCP8-2P08	8 Relay Panel, (8) 2-Pole 20A 240V/480V Relays. 120V, 277V, 347V input power. With 8 Low Voltage Inputs
RCP24-1P16	24 Relay Panel, (16) 1-Pole 30A 120V/277V Relays, (8) empty slots. 120V, 277V, 347V input power. With 12 Low Voltage Inputs
RCP24-2P24	24 Relay Panel, (24) 1-Pole 30A 120V/277V Relays. 120V, 277V, 347V input power. With 12 Low Voltage Inputs
RCP24-2P16	24 Relay Panel, (16) 2-Pole 20A 240V/480V Relays, (8) empty slots. 120V, 277V, 347V input power. With 12 Low Voltage Inputs

CAT. NO.	DESCRIPTION
RCP xx* LVSW	xx Button, Low Voltage Switch, White
RCP xx* DSW	xx Button, Digital Switch, White
RCP PC OUT	Outdoor Photocell, 0-10V, 0-250 fc
RCP PC IND	Indoor Photocell, 0-10V, 0-100 fc
RCP PC AIR	Atrium Photocell, 0-10V, 0-1000 fc
RCP PC SKY	Skylight Photocell, 0-10V, 0-2000 fc
RCP PLY 1P30	1-Pole 30A NO/NC, with handle, 120VAC/230VAC/277VAC, 18K SCCR
RCP RLY 2P20	2-Pole 20A NO, 240VAC/480VAC
RCP RLY 1P20 347	1-Pole 20A NO, 347VAC

\* xx = 1, 2, 3, 4, 5, 6, 8, 10 Button Switch

## APPLICATIONS

- Smart replacement for time clock/contactor installations
- Low-voltage control
- Site lighting
- Daylight harvesting
- Occupancy sensor intergration
- Parking garage/parking lot lighting
- Any application requiring reliable and cost-effective automatic lighting controls



# RELAY CONTROL PANEL (RCP)

## FEATURES

- Multi-Technology: By using both PIR and U/S signals, the sensor minimizes false triggering for high reliability.
- Large, bright LCD screen with oversize buttons for easy programming
- Easy standard programming configuration
- Occupancy sensors: manual-ON or auto ON applications
- Photocells: interior or exterior applications
- Photocell light level trip points: on or off
- Built-in astronomical time clock
- 101 major city and states programmed for easy astronomical setup
- Time clock and scheduler
- Sunrise/sunset time clock events
- Auto-detection/auto-assign of installed digital switches
- Enable/disable of low-voltage and digital input devices minimizes power consumption
- Clearly labeled access points allow installer to locate optimum knock-out locations
- UL and C-UL Listed Industrial Control Equipment and Emergency Lighting Equipment for 120V, 277V and 347V Panels
- ASHRAE 90.1 compliant

SPECIFICATIONS
<b>ELECTRICAL</b>
Input Power (Domestic): 120V, 277V or 347V
All voltages 60Hz Non-volatile lifetime memory blackout protection
<b>PHYSICAL</b>
8-Circuit Size: 13" W x 13" H x 4-9/32" D (330.20 mm x 330.20 mm x 108.74 mm) Weight - fully loaded: 16 lbs (7.26 kg) Color: Black
16/24-Circuit Size: 20-1/4" W x 34" H x 4-9/32" D (514.35 mm x 863.6 mm x 108.74 mm) Weight - fully loaded: 44 lbs (19.96 kg) Color: Black
<b>WARRANTY</b>
Panels backed by Two-Year Warranty
Relay Cards backed by Two-Year Warranty

## INSTALLATION

