

REL2064 Relay Interface Unit

CONTROLS UP TO 64 RELAY CONTACT OUTPUTS

Product Features

- 64 SPST Dry Contact Outputs
- Provides Direct or Automatic Control of Peripheral Equipment
- Connect to the CM6800 Series Matrix Switchers Using Pelco M Protocol
- Uses RS-485 Communication Interface
- Multiple Units May Be Cascaded to Provide Multiple Relay Contact Points on a Single M-Port Connection
- Relay Output Contacts May Be Configured for Normally Open (N.O.) or Normally Closed (N.C.) Operation
- Relay Groups Can Retain Their Contact Position in the Event of a Power Failure or Front Panel Reset
- Powered by an Autoranging Power Supply

The **REL2064** relay interface unit connects directly to the System 6800 matrix switcher/controller and provides dry contacts for direct or automatic control of peripheral equipment. Each **REL2064** provides up to 64 single-pole, single-throw (SPST) dry contact outputs.

Using Pelco's proprietary M protocol, the relay interface unit communicates with Pelco's CM6800 matrix switcher using an RS-485 communication interface.

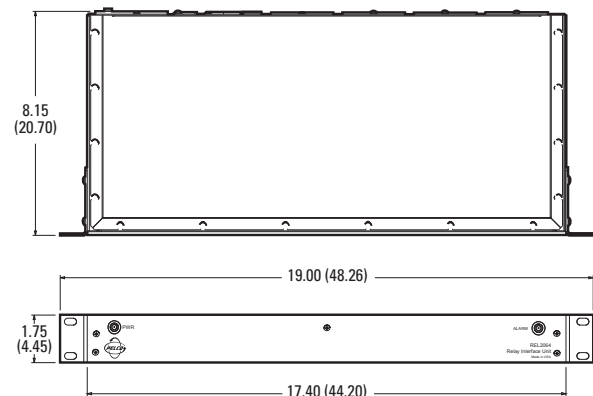
Up to four relay interface units may be cascaded to provide multiple relay contact points on a single CM6800 M-port connection.

Relay output contacts may be configured for normally open (N.O.) or normally closed (N.C.) operation.

The **REL2064** provides a memory feature, which allows relay groups to retain their contact position in the event of a power failure or front panel reset.

The relay interface unit is powered by an autoranging power supply.

The **REL2064** occupies one rack unit (1.75 inches or 4.45 cm), accommodating multiple types of mounting.



NOTE: VALUES IN PARENTHESES ARE CENTIMETERS;
ALL OTHERS ARE INCHES

TECHNICAL SPECIFICATIONS

MODEL

REL2064	Relay interface unit; provides 64 relays for operating peripheral equipment.
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ELECTRICAL

Input Voltage	100 to 240 VAC, 50/60 Hz, autoranging
Power Consumption	30 VA (reactive consumption); 5 W (active)
Data Ports	
Input	RS-485, RJ-45 connector; baud rate selected with DIP switch
Output	RS-485, RJ-45 connector; baud rate selected with DIP switch
Indicators	2 power LEDs, green; 1 data LED, red
Fusing	500 mA, 250 V
Relay Output	
Contact Parameters	
Max. Switching Capacity	60 W
Max. Operating Voltage	125 VAC, 50/60 Hz
Max. Current	2 A
Contact Resistance	75 milliohms
Rated Load Parameters	0.5 A at 125 VAC, 50/60 Hz 2 A at 30 VDC
Operating Distance	4,000 feet (1,219 m) on 24 AWG wire

MECHANICAL

Connectors	
Relay Inputs	4 dual-header, 32-input connectors with mating plugs
Power	3-wire, 18 AWG
RS-485	Two RJ-45 connectors
Relay Out	One 3-pin header with mating plug

GENERAL

Ambient Operating Temperature	32° to 122°F (0° to 50°C)
Dimensions	8.15" D x 17.40" W x 1.75" H (20.70 x 44.20 x 4.45 cm)
Mounting	Fits 19-inch EIA Standard rack (1 RU)
Unit Weight	8 lb (3.63 kg)
Shipping Weight	12 lb (5.4 kg)

CERTIFICATIONS/RATINGS

- CE, Class B
- FCC, Class B
- UL/cUL Listed
- C-Tick

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