ALM2064 Alarm Interface Unit

ALARM GATHERING UNIT FOR UP TO 64 ALARM INPUTS

Product Features

- 64 Alarm Contact Inputs
- Connects to the CM6800 Series Matrix Switchers Using Pelco M Protocol
- Uses RS-485 Communication Interface
- Multiple Units Can Be Cascaded to Provide Multiple Alarm Contact Points on a Single M-Port Connection
- Alarm Inputs Can Be Configured for Supervised or Unsupervised Mode
- Supports Imports From Normally Open (N.O.) or Normally Closed (N.C.) Contacts
- Powered by an Autoranging Power Supply

The **ALM2064** alarm interface unit connects directly to the System 6800 matrix switcher/controller. Each unit provides monitoring capability for up to 64 external alarm inputs.

Using Pelco's proprietary M protocol, the alarm unit communicates with Pelco's CM6800 matrix switchers through an RS-485 communication interface.

The alarm unit can be located remotely from the system controller and still communicate back to the central system when an alarm occurs.
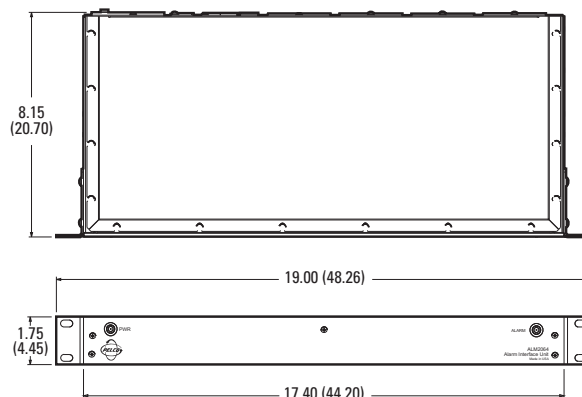
Up to four alarm interface units can be cascaded to provide multiple alarm contact points on a single M-port connection.

Alarm inputs on each **ALM2064** unit can be configured in two groups of 32 each for supervised or unsupervised mode.

The **ALM2064** provides a relay output on the rear panel. The alarm unit will activate a peripheral device connected to this output when a valid alarm condition is sensed.

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

The **ALM2064** occupies one rack unit (1.75 inches or 4.45 cm), accommodating multiple types of mounting.

8.15 (20.70)

19.00 (48.26)

1.75 (4.45)

17.40 (44.20)

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

TECHNICAL SPECIFICATIONS

MODELS

ALM2064 — Alarm interface unit; provides alarm monitoring capabilities for up to 64 alarm inputs.

ELECTRICAL

Input Voltage	100 to 240 VAC, 50/60 Hz, autoranging
Power Consumption	30 VA (reactive consumption); 3 W (active)
Data Ports	
Input	RS-485, RJ-45 connector
Output	RS-485, RJ-45 connector
Indicators	2 power LEDs, green
	1 alarm LED, red
Fusing	500 mA, 250 V
Relay Out	Load rating for relay contacts: 0.50 A at 125 VAC, 50/60 Hz or 1 A at 24 VDC
Operating Distance	4,000 feet (1,219 m) on 24 AWG wire

MECHANICAL

Connectors	
Alarm 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 120°F (0° to 49°C)
Dimensions	8.15" D x 19.00" W x 1.75" H (20.70 x 48.26 x 4.45 cm)
Mounting	Fits 19-inch EIA Standard rack (1 RU)
Unit Weight	7 lb (3.17 kg)
Shipping Weight	11 lb (4.90 kg)

CERTIFICATIONS/RATINGS

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