CeLAN
4 Relay Output Module

DS-Ce-4RO Rev A

The CeLAN 4-Relay Output Module allows for the addition of up to 4 additional programmable relay outputs and 2 additional supervised hardwired zones. Each module includes mounting hardware and two 3.0K ohm end-of-line (EOL) resistors. Power for the module is provided by the Protector Panel, CeLAN Remote Power Module, or other approved 12 VDC power source capable of providing at least 180 mA.

Protector systems can be expanded to a total of 100 programmable output relays. The Protector panel allows for very powerful yet easy to program output control logic.

Both normally open and normally closed detectors can be wired to the module input. Using an EOL resistor on each loop input, the module monitors all zones and alerts the panel is there is a change of state in the circuit.

Applications:

Remote system status

Camera control

Trigger remote devices

HVAC shutdown

Lighting control

Door control/release

Exterior siren

Zone indicator

Features

- AES Encrypted CeLAN communications

- Five (5) state zones:
    - Open Circuit
    - Supervised Circuit (3k EOL)
    - Short Circuit
    - Ground Fault High
    - Ground Fault Low

- 'CINCH Stick' Field Upgrade-able software

- Includes Accessory Hardware kit

- Mounts inside Protector or Protector Accessory Enclosures,

- Four (4) Form C (dry contact) output relays rated 4A @ 24 VDC, 4A @ 24 VAC, 10A @ 28 VAC maximum.

- Two (2) fully supervised input zones

Ordering Information:

Part #: Ce-4RO includes two 3.0K ohm resistors, and mounting hardware

Mounting Considerations:

E-P Protector Enclosure - 3 modules

E-PA Accessory Enclosure - 2 modules (if a Ce-RP with transformer is installed only 1 module will fit)

E-PA-S Small Enclosure - 1 module

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Specifications

Power Requirements:
Input: 12 VDC (10 VDC min, 14 VDC max)
Output: N/A
Current Draw: 25 mA max

Dimensions: 8.26" x 5.24" (LxW)

Environmental:
Operation Temp: 32 to 120 F (0 to 49 C)
Humidity: 90% relative humidity
Storage Temp: -30 to 140 F (-34 to 60 C)

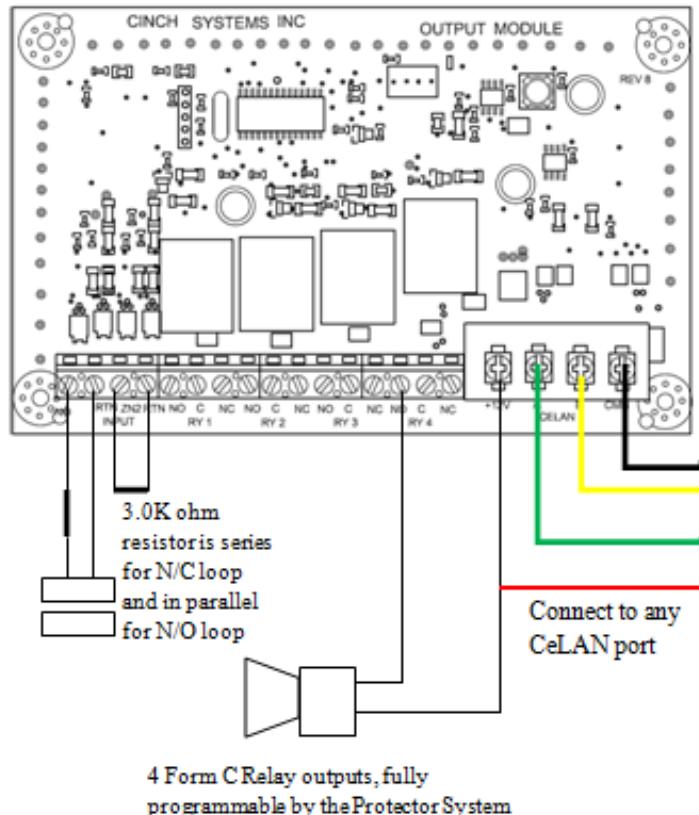**Inputs:** 2 hardwired supervised inputs

CeLAN Devices per System: 100

Supervision: 3K Ohm Resistor

Accessories:
Large metal enclosure: E-P
Small metal enclosure: E-PA-S
Medium metal enclosure: E-PA
Plastic enclosure: E-CP

Listings:
UL: 1076
FCC: Part 15
FIPS 197

3.0K ohm resistor is series for N/C loop and in parallel for N/O loop

Connect to any CeLAN port

4 Form C Relay outputs, fully programmable by the Protector System

Ordering

SECURITY UL LISTED   C?NCH AES ENCRYPTED