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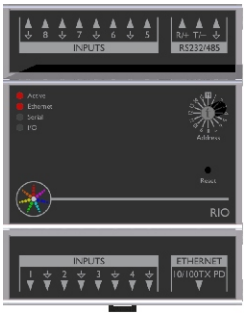
OVERVIEW

The Pharos Controllers (LPC, AVC), together with optional Expansion Modules, provide a host of triggering interfaces. However, many installations require more triggering interfaces than the Controllers alone support or may need support for remote locations. The Remote Input Output (RIO) Devices address these additional requirements and any number can be incorporated seamlessly into a Pharos Ethernet system. Three versions are available:

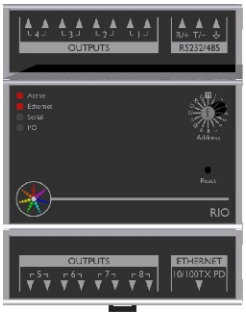


- 8 individually selectable digital or analog inputs.
- Tri-mode digital inputs: active high, low or contact closure.
- RS232/485 multi-protocol serial port.
- Inputs and outputs isolated from network.
- Rotary switch for selecting network address.
- RJ45 socket for 10/100Base-TX Ethernet.
- IEEE 802.3af PoE powered device.
- Firmware can be remotely updated over the network.
- 3-pin & 8-pin 5.08mm plug-in rising clamp terminals. *
- 4 unit wide DIN enclosure.

Part Number: RIO 80

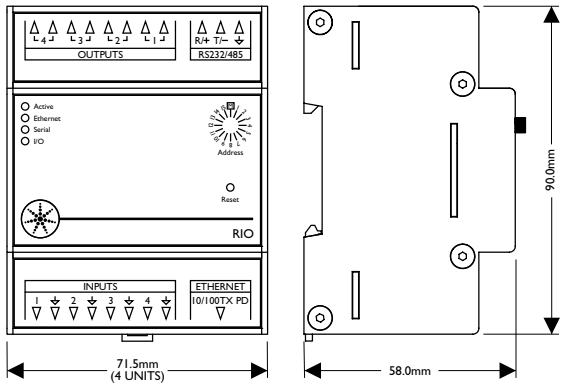
- 4 individually selectable digital or analog inputs.
- Tri-mode digital inputs: active high, low or contact closure.
- 4 individually isolated (1KV) relay outputs (48V 250mA).
- RS232/485 multi-protocol serial port.
- Inputs and outputs isolated from network.
- Rotary switch for selecting network address.
- RJ45 socket for 10/100Base-TX Ethernet.
- IEEE 802.3af PoE powered device.
- Firmware can be remotely updated over the network.
- 3-pin & 8-pin 5.08mm plug-in rising clamp terminals. *
- 4 unit wide DIN enclosure.

Part Number: RIO 44



- 8 individually isolated (1KV) relay outputs (48V 250mA).
- RS232/485 multi-protocol serial port.
- Inputs and outputs isolated from network.
- Rotary switch for selecting network address.
- RJ45 socket for 10/100Base-TX Ethernet.
- IEEE 802.3af PoE powered device.
- Firmware can be remotely updated over the network.
- 3-pin & 8-pin 5.08mm plug-in rising clamp terminals. *
- 4 unit wide DIN enclosure.

Part Number: RIO 08



* Camden Electronics CTB9208/3 & CTB9208/8 (supplied).

SYSTEM INTEGRATION & TOPOLOGY

By utilising Power-over-Ethernet (PoE) technology, a simple and reliable topology is achieved using CAT5 cabling and RJ45 connectors which are familiar to all installers. All that is required is a PoE switch or repeater with sufficient ports to accommodate the required number of Controllers, Remote Devices and Button Panels Stations: