

Features & Specifications

Ethernet to 4 Optically Isolated Inputs / 4 Form C Relay Outputs Digital Interface Adapter, with PoE (802.3af)

Part: 120PoE | **Model:** eI/O PLC-8

Features

- 10/100BaseT Ethernet Modbus TCP interface
- 4 optically isolated inputs provide protection against surges and ground loops
- 4 high-current SPDT Form C relays can switch up to 5A at 60VDC
- Field wiring is simplified via removable 3.5mm terminal blocks compatible with 16-30 AWG wire
- Ready for DIN rail mounting, removable plastic clip snaps onto 35mm DIN rail or can be attached to walls and other surfaces with optional screws
- Optional removable spring-clamp terminal blocks available for I/O connections
- PoE version allows power and data over a single CAT5 cable, eliminating the need for an external power supply
- Status LEDs display power, Ethernet link and I/O activity
- Sealevel SeaMAX software supports Microsoft Windows operating systems
- Housed in rugged, attractive plastic enclosure
- Includes 7' CAT5 Ethernet cable (Item# CA246)

Specifications

Family	eI/O
Input Isolation	2500 VAC RMS, 3500 VDC
Contact Current DC	≤ 30 VDC @ 5A max. > 30 VDC @ 2000mA max., (100mA min.)
Contact Operate Time	10ms max.
Contact Release Time	5ms max.
Contact Voltage	60VDC max., 200VAC max., (5VDC min.)
Digital I/O	Form C Relay Outputs, Isolated Inputs
Dimensions	4.5 (L) x 3.5 (W) x 1.3 (H)
Field Wiring	16 – 30 AWG
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Contact Current AC	6A max.
Input Impedance	6.2 K Ohms (in series)
Input Range	5-30 VDC
Host Interface(s)	Ethernet
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Power	DC 240W, AC 300 VA
Output Type	SPDT Form C relays
PoE Powered	Yes
# of Ports	4/4
Power Requirement	802.3af PoE Class 0 @ 5W (Typical)
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)