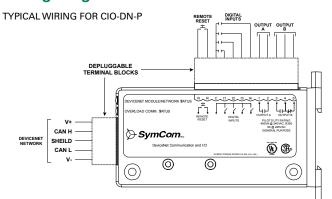


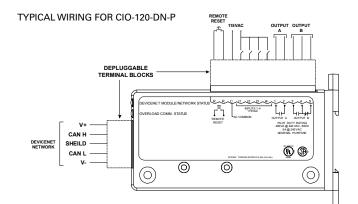
## CIO-DN-P/CIO-120-DN-P

## Communication link to PLC/SCADA/ monitoring systems



#### Wiring Diagram





### **Ordering Information**

MODEL	LINE VOTAGE
CIO-DN-P	12 to 24VAC
CIO-120-DN-P	90 to 130VAC

# (II)

#### **Description**

The CIO-DN-P/CIO-120-DN-P are convenient and cost-effective Devicenet™ interfaces capable of providing discrete control and monitoring of motor starters, drives and other devices over a Devicenet<sup>™</sup> network.

#### **Features & Benefits**

FEATURES	BENEFITS
Compact size 3.4" H x 1.0" W x 5.46" D	Easily adapts to existing as well as new applications
Flexible addressing standard allows function as stand-alone interface or in conjunction with 777 series overload relay	Provides flexibility for control and monitoring
Remote reset option	Additional remote reset input allows user to reset 777 series relays without opening the panel
DIN rail or surface mountable	Allows installation flexibility
Unpluggable terminal block connections	Allows user to wire terminal blocks before installing the module and reduces field wiring

#### **Specifications**

#### **Input Characteristics**

**Power Requirements** 

Voltage (nominal) 24VDC Current 137mA (max.) Power 3.28 W (max.)

**Digital Inputs** 

**Voltage Range** CIO-DN-P

12-24 VAC CIO-120-DN-P 90-130VAC Frequency 50/60Hz **Maximum Current** 2mA (typical)

24VDC, 10mA (min.), NO pushbutton **Remote Reset** 

**Output Characteristics** 

Form A & Form C Contactors **Pilot Duty** 

**General Purpose** 

480VA @ 240VAC, B300 5A @ 240VAC **General Characteristics** 

**Temperature Range** -20° to 70°C (-4° to 158°F) **Relative Humidity** 10-95%, non-condensing **Wire Gauge** Solid or stranded, 12-20 AWG

**Terminal Torque** 3 in.-lbs. **Hi-Potential Test** 

(2 x rated V + 1000V for 1 minute) (relays to other circuits)



# CIO-DN-P/CIO-120-DN-P



#### **EMC Standards**

Electrostatic Discharge (ESD) IEC 61000-4-2, Level 3, 6kV contact, 8kV air

Radio Frequency Immunity,

**Radiated** 150 MHz, 10V/m

Fast Transient Burst IEC 61000-4-4, Level 3, 4kV input power

Safety Marks

UL, ULC ListedUL508 (File #E68520)CSAC22.2 (File #46510)EnclosurePolycarbonate

**Dimensions H** 86.36 mm (3.4"); **W** 25.4 mm (1.0");

**D** 138.68 mm (5.46")

(w/depluggable connectors)

**Weight** 0.25 lb. (4 oz., 113.4 g) (w/depluggable connectors)

**Mounting Methods** DIN Rail or surface mount (w/two #8 screws)