

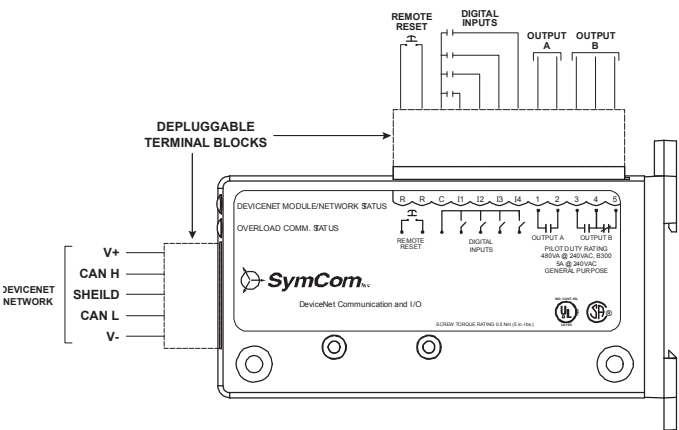
CIO-DN-P / CIO-120-DN-P

Communication Link to PLC/SCADA/ Monitoring Systems

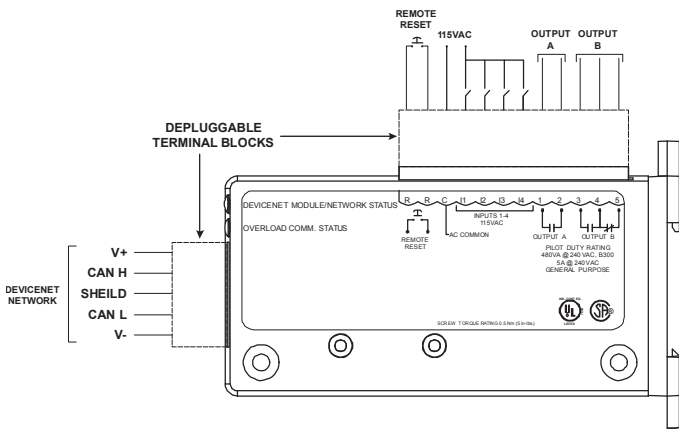


Wiring Diagram

TYPICAL WIRING FOR CIO-DN-P



TYPICAL WIRING FOR CIO-120-DN-P



For dimensional drawing see: Appendix, page 507, Figure 3.

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™ 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

Ordering Information

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

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

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
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CIO-120-DN-P	90-130VAC
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Frequency	50/60Hz
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Maximum Current	2mA (typical)
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Remote Reset	24VDC, 10mA (min.), NO pushbutton
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Output Characteristics

Form A & Form C Contactors

Pilot Duty	480VA @ 240VAC, B300
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General Purpose	5A @ 240VAC
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General Characteristics

Temperature Range	-20° to 70°C (-4° to 158°F)
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Relative Humidity	10-95%, non-condensing
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Wire Gauge	Solid or stranded, 12-20 AWG
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Terminal Torque	3 in.-lbs.
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Hi-Potential Test (relays to other circuits)	(2 x rated V + 1000V for 1 minute)
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EMC Standards

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

Radiated

150 MHz, 10V/m

Fast Transient Burst

IEC 61000-4-4, Level 3, 4kV input power

Safety Marks

UL, ULC Listed, CSA

UL508 (File #E68520), C22.2 (File #46510)

Enclosure

Polycarbonate

Dimensions

H 86.36 mm (3.4"); W 25.4 mm (1.0");
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D 138.68 mm (5.46")

(w/depluggable connectors)

Weight

0.25 lb. (4 oz., 113.4 g) (w/depluggable connectors)
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Mounting Methods

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