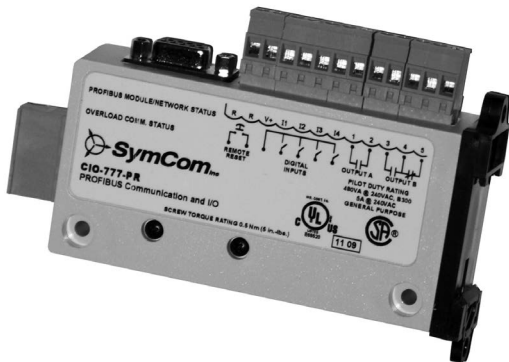


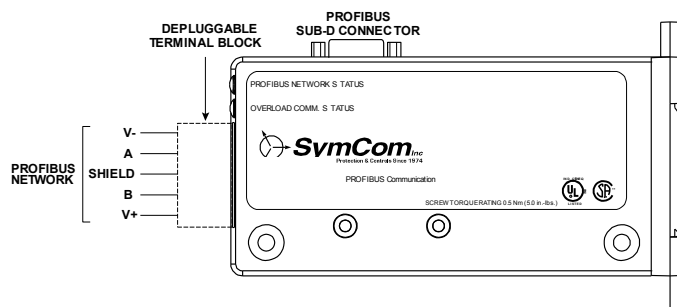


# CIO-777-PR

Communication link to PLC/SCADA/  
monitoring systems



## Wiring Diagram



## Description

The CIO-777-PR Module is a convenient and cost-effective Profibus interface capable of providing discrete control and monitoring of motor starters, drives and other devices over a Profibus network.

## Features & Benefits

FEATURES	BENEFITS
<b>Compact size</b> 3.4" H x 1.0" W x 5.46" D	Easily adapts to existing as well as new applications
<b>Flexible addressing standard allows function as stand-alone interface or in conjunction with 777 series overload relay</b>	Provides flexibility for control and monitoring
<b>Remote reset option</b>	Additional remote reset input allows user to reset 777 series relays without opening the panel
<b>DIN rail or surface mountable</b>	Allows installation flexibility
<b>Built in sub-D connector</b>	Provides a quick and easy connection to a network and reduces field wiring

## Specifications

### Input Characteristics

#### Power Requirements

<b>Voltage (nominal)</b>	12-24VDC
<b>Current</b>	150mA (max.)
<b>Power</b>	3.6 W (max.)
<b>Digital Inputs</b>	
<b>Voltage Range</b>	12-24VAC
<b>Maximum Current</b>	2mA (typical)
<b>Remote Reset</b>	24VDC, 10mA, (min.), NO pushbutton

### Output Characteristics

#### Form A & Form C Contactors

<b>Pilot Duty</b>	480VA @ 240VAC, B300
<b>General Purpose</b>	5A @ 240VAC

### General Characteristics

<b>Ambient Temperature Range</b>	
<b>Operating</b>	-20° to 70°C (-4° to 158°F)
<b>Storage</b>	-40° to 80°C (-40° to 176°F)
<b>Relative Humidity</b>	10-95%, non-condensing per IEC 68-2-3
<b>Wire Gauge</b>	Solid or stranded, 12-20 AWG
<b>Terminal Torque</b>	3 in.-lbs.
<b>Hi-Potential Test</b> (relays to other circuits)	Meets UL508 (2 x rated V + 1000V for 1 min.)

### EMC Standards

<b>Electrostatic Discharge (ESD)</b>	IEC 61000-4-2, Level 3, 6kV contact, 8kV air
<b>Radio Frequency Immunity, Radiated</b>	150 MHz, 10V/m
<b>Fast Transient Burst</b>	IEC 61000-4-4, Level 3, 4kV input power
<b>Safety Marks</b>	
<b>UL, ULC Listed</b>	UL508 (File #E68520)
<b>CSA</b>	C22.2 (File #46510)
<b>Enclosure</b>	Polycarbonate
<b>Dimensions</b>	<b>H</b> 86.36 mm (3.4"); <b>W</b> 25.4 mm (1.0"); <b>D</b> 138.68 mm (5.46") (w/depluggable connectors)
<b>Weight</b>	0.25 lb. (4 oz., 113.4 g) (w/depluggable connectors)
<b>Mounting Methods</b>	DIN Rail or surface mount (w/ two #8 screws)

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