

Remote IO Unit (CS-RIO20)

Quick Start Guide

INSTALLATION

The Remote IO module is designed for integrating small clusters IO into control systems via Ethernet/Ip or Modbus TCP. The Remote IO module requires input power of **24VDC or 110VAC (220VAC as an option)**. The typical wiring can be found in the wiring diagram below.

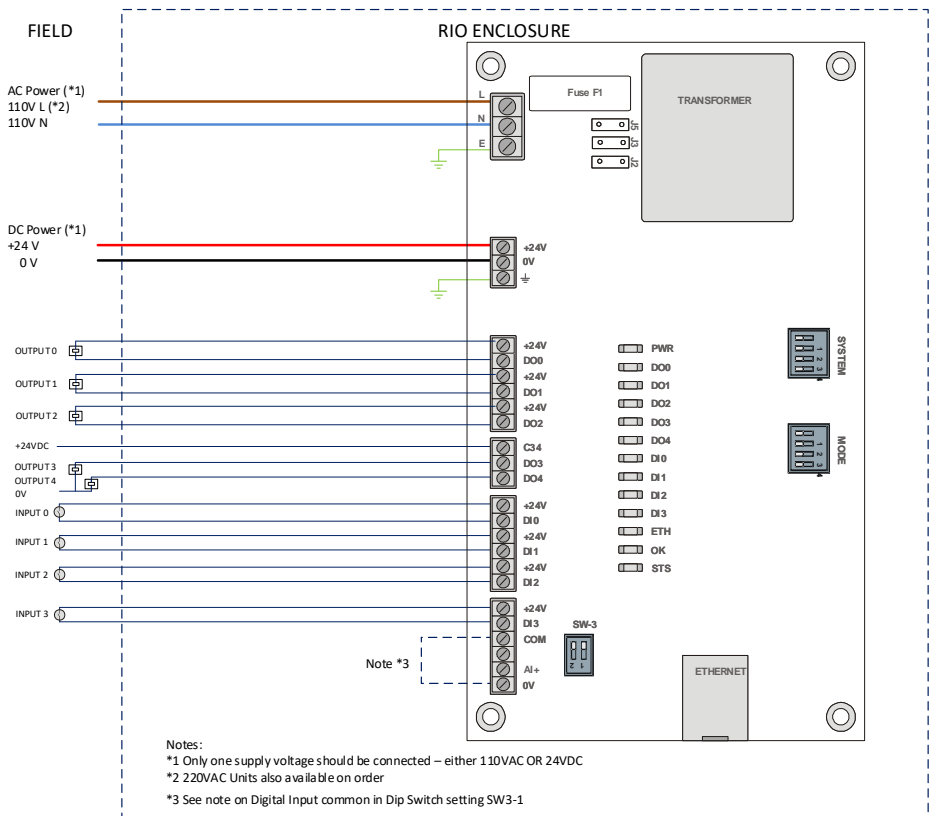


FIGURE 1 – TYPICAL WIRING DIAGRAM

DIP SWITCH SETTINGS

DIP Switch	Description
System - 4	0 = EtherNet/IP, 1 = Modbus TCP
Mode - 1	Comms Fail Mode DO0, DO1, DO2 0 = output off, 1 = retain last status
Mode - 2	Comms Fail Mode DO3, DO4 0 = output off, 1 = retain last status
SW3-2	Analogue Input selection 0 = 0-10V, 1 = 4-20mA

Table 1 – Key DIP Switch Settings

ADDITIONAL INFORMATION

The following resources contain additional information that can assist the user with the module installation and operation.

Resource	Link
Circular Configurator Installation	http://www.circularsolutions.co.za/software/circularconfigurator
User Manual, Datasheet Example Code	http://www.circularsolutions.co.za/remote-io
Ethernet wiring standard	www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html

SUPPORT

Technical support will be provided via the Web (in the form of user manuals, datasheets etc.) to assist with installation, operation, and diagnostics. For additional support the user can use either of the following:

Contact Us web link	www.circularsolutions.co.za/contact-us
Support email	support@circularsolutions.co.za