

Pre-Start Warning (CS-PSW20) Quick Start Guide

INSTALLATION

The PSW module requires input power of **24Vdc or 110VAC (220VAC as an option)**. The typical wiring can be found in the wiring diagram below. The PSW operates as a standalone unit and can also communicate/control on both Ethernet and Modbus TCP.

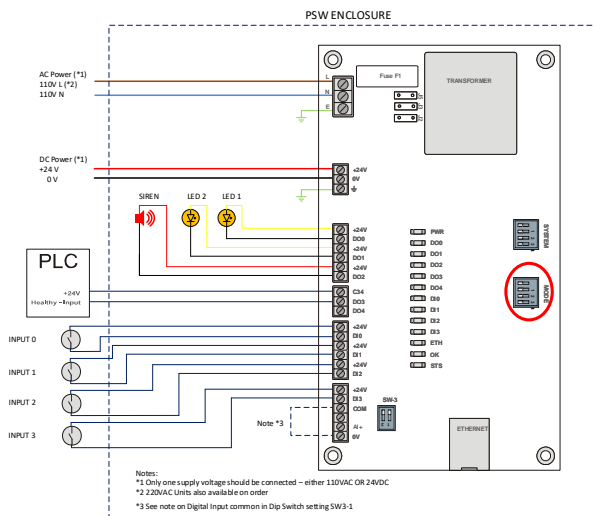


FIGURE 1 – TYPICAL WIRING DIAGRAM

The Ethernet/Modbus IP address of the module is set using the **Circular Configurator** software or other similar software packages.

OPERATING MODES

The operating modes options are selected via onboard **Mode** DIP switches. Detailed description of these settings can be found in the user manual which is downloaded from the website (see section on *Additional Information*).

DIP Switch	Description	LED Behaviour DO0 & DO1	Siren Behaviour DO2
0000	Alarm on Powerup	On	On

0001	Alarm on Powerup - Flash	Flash	On
0010	Alarm on Powerup Railroad Flash	Railroad Flash	On
0011	Alarm on IO – Solid	On if DI0 = on OR DI1 = off	On if DI2 = on OR DI3 = off
0100	Alarm on IO – Flash	On if DI0 = on OR DI1 = off	On if DI2 = on OR DI3 = off
0101	Alarm on IO – Railroad	On if DI0 = on OR DI1 = off	On if DI2 = on OR DI3 = off
0110	Hardwire Control	DO0 = DI0, DO1 = DI1	DO2 = DI2
1100/1	Modbus Control	Modbus Control	Modbus Control
1110/1	PLC/EtherNet Control	PLC Control	PLC Control

Table 1 – Mode DIP Switch Selection

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/configurator
User Manual, Datasheet Example Code	http://www.circularsolutions.co.za/pre-start-warning
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	contact@circularsolutions.co.za