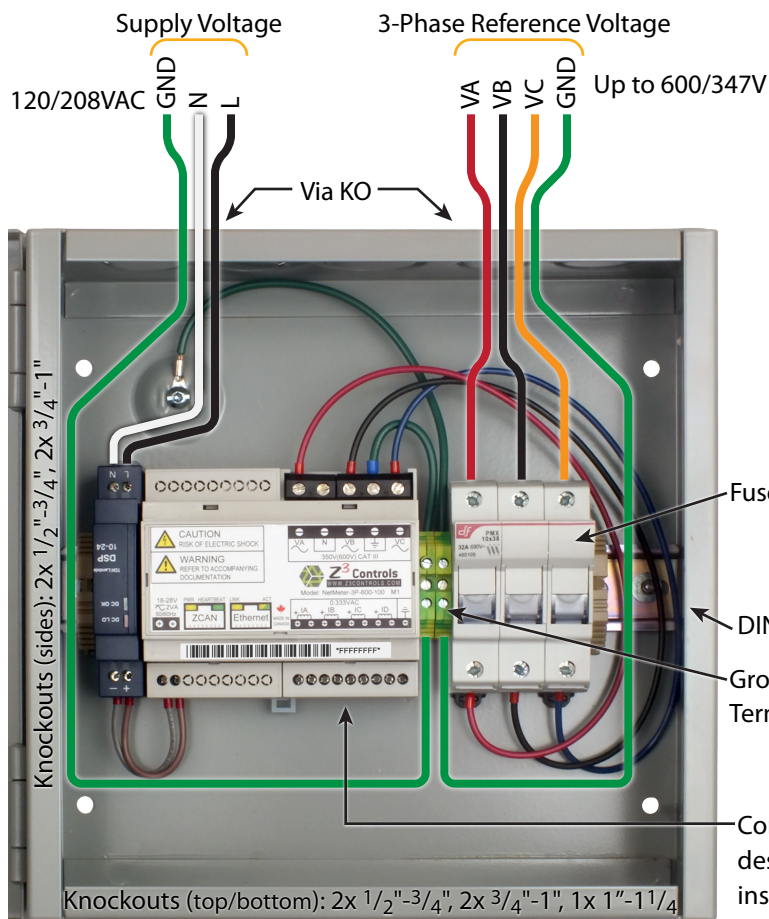


# NetMeter-3P NEMA1 10"x10" Kit: Quick Guide (With Finger-safe Fuse Holder)



## NEMA1 Enclosure

Part #: NEMA1-10X10X4-NETMETER-3P-FSF

Actual product may not be exactly as shown



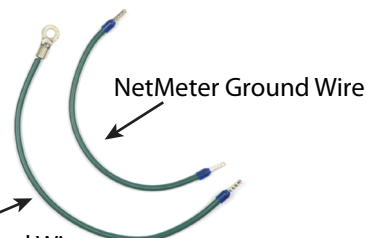
24V Power Supply



Ethernet Cable and Chassis Receptacle



24V NetMeter Power Hookup Wire



NetMeter Ground Wire

Chassis Ground Wire

## Example Installation of NEMA1 NetMeter Enclosure

- Study the NetMeter and power supply Installation Manuals and follow safety procedures
- Assemble the NEMA1 chassis as shown above: power supply, 24VDC power hookup, NetMeter, ground terminal blocks, ground wires, finger-safe fuse holder, and interconnect wires from fuse holder to NetMeter-3P
- Mount the chassis and connect conduit as required
- Open the split-core CTs and place over the wires supplying the load to be monitored. Pay attention to the CT polarity and label the CT wires for each phase.
- Route the CT wires into the NetMeter NEMA1 chassis via the appropriate conduit and knockouts. Connect the CT wires to the NetMeter so that the CT for IA matches VA and so on.
- Using the appropriate conduit and knockouts, connect the 3-phase reference voltage as shown above. Insert fuses into fuse holder (value of between 0.2A to 1A typical)
- Connect a current limited (15A or less) 120V/208 or 240V supply to the power supply L and N terminals
- Mount the Ethernet chassis receptacle into the desired 3/4" knockout (bottom of chassis preferred)
- Ensure that all terminal screws are properly tightened
- Insert 3 fuses (current rating of 0.5A or up to 2A) into the fuse holder then secure the lid of the NEMA1 panel before applying power



Split-core CTs