






POWER METER KIT- BACNET® COMPATIBLE

Ordering Information:

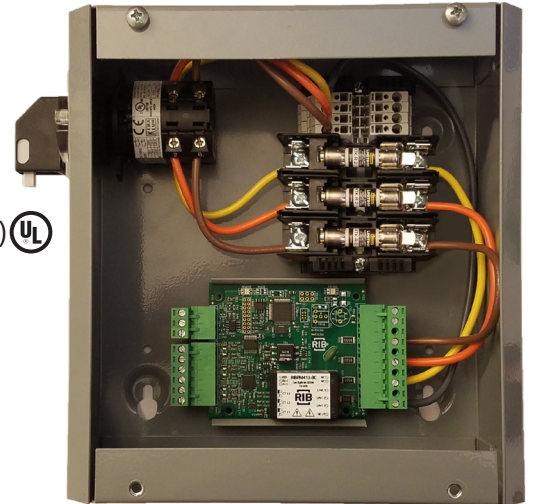
RIBPM413-BC-KIT

Kit Includes:

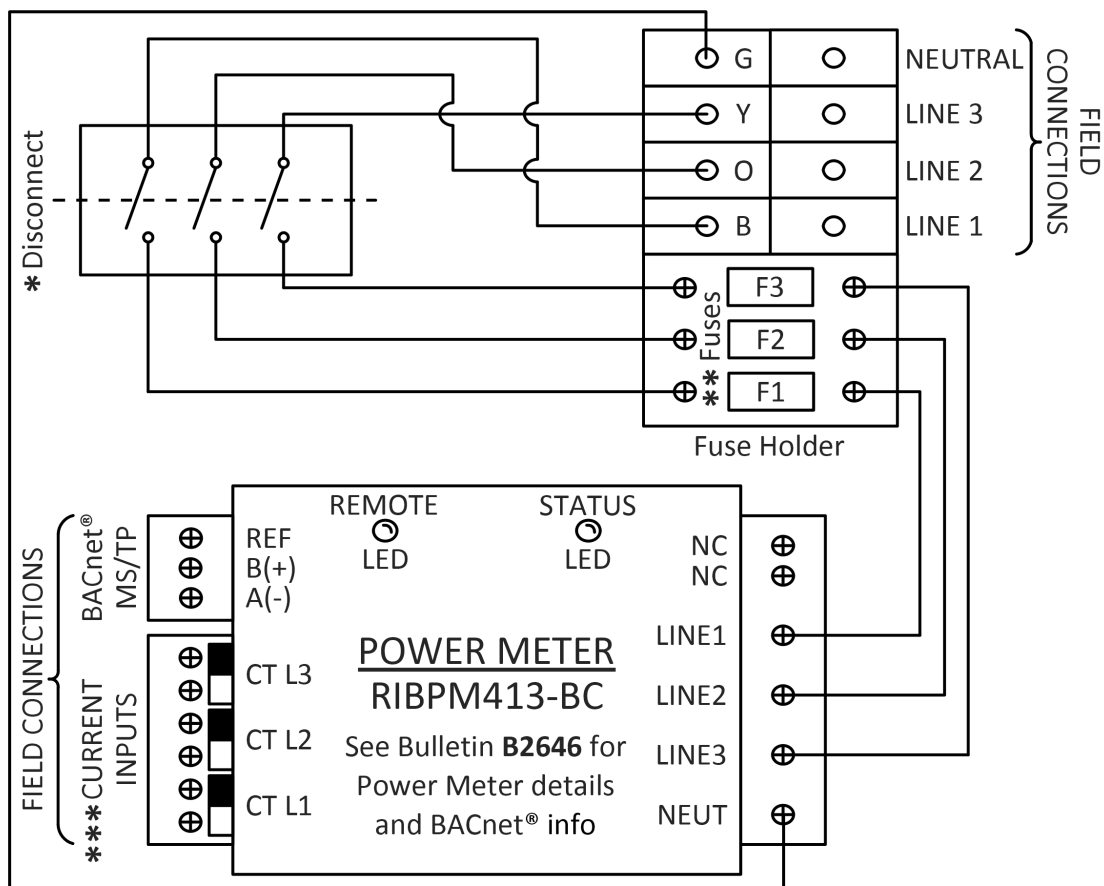
- Power Meter Board (for replacement, order RIBPM413-BC) 
- Metal Enclosure (8.3" H x 7.7" W x 3.9" D, NEMA 1, 18 Gauge Steel) 
- **RIBPM413-BC-KIT measures 9.2" W with switch**
- Disconnect Switch* (3-Pole, 600 V, 16 Amp) 
- Fuse Holder (3-Pole, 600 V, Class CC) 
- Fuses** (Fast-acting, 600 V, 2 Amp, Class CC) 

Not Included:

- Current Transformers*** (see our CT Series)



Connection Guide



SAFETY GUIDELINES: The following instructions are for qualified personnel only. To reduce the risk of electrical shock and personal injury, do not perform the following, or any additional tasks not stated, unless you are qualified to do so.

- **WARNING:** *Measurement Category III (do not exceed)*
- **AVERTISSEMENT:** *Catégorie de mesure III (ne pas dépasser)*
- Only qualified personnel or licensed electricians should perform the installation of this product.
- Follow all applicable national and local electric codes.
- Verify the product will be used within its specifications.
- For use with Listed Energy-Metering Current Transformers.
- Avoid ESD while working with the RIBPM413-BC by being properly grounded while making field connections.
- The RIBPM413-BC-KIT is suitable for indoor installations only.

INSTALLATION: WARNING: *To reduce the risk of electric shock, always open or disconnect circuit from power distribution system (or service) of building before installing or servicing current transformers. The safety of any system incorporating this device is the responsibility of the assembler of the system. If the equipment is used outside the specifications in this document, the protection provided by the equipment may be impaired.*

AVERTISSEMENT: *Pour réduire le risque de choc électrique, ouvrez ou déconnectez toujours le circuit du système de distribution électrique (ou du service) du bâtiment avant d'installer ou d'entretenir des transformateurs de courant.*

- Use Copper conductors ONLY
- Use only Listed conduits and glands.
- It is recommended to use separate conduit for voltage and current wiring.
- Mount RIBPM413-BC-KIT as close as possible to the panel/load being metered.
- For supply connections, use 12 or 14 AWG wire with 300 V or 600 V insulation (depending on installation).

FIELD CONNECTIONS: CTs should be connected to the same circuit as the voltage connections. Use supplied pluggable terminal blocks for field connections

- Intended for Category III installation
- Voltage Inputs: 120 – 277 Vac; Neutral Required
 - 1-Phase, 2-Wire
 - 1-Phase, 3-Wire
 - 3-Phase, 4-Wire
- **Current Inputs:**
 - Listed 333 mV CTs ONLY
- **BACnet® MS/TP:**
 - Use 18-22 AWG, 2-core, shielded twisted pair cable