The information contained in the document has to be kept strictly confidential. Any unauthorized use, reproduction, distribution or disclosure to third parties is strictly forbidden. ABB reserves all rights regarding intellectual Property Rights. Copyright 2018 ABB. All rights reserved. ABB PROPRIETARY AND CONFIDENTIAL INFORMATION.

**SCHEMATIC**

**T1,2,3,(N) - LOAD**

**LOAD SIDE OF POWER PANEL**

**DOOR CUTOUT** (SCALE 1:3:1)

**LEGS**

**LEGEND**

**OPERATION**

The EPM 2200 is a cost effective Digital Monitor, designed to replace analog meters with selector switches. It monitors and displays Voltage (Phase to Neutral and Phase to Phase), Current (Phase A, B and C), W, VA, VAR, VAh, VArh, Energy, PF, & Frequency.

**INSTRUCTIONS**

1. On 4-wire WYE voltage systems, wire terminal — Vef to the Neutral bar (NB) or to the Load Neutral (LN) on transfer switch (Use white wire).
   Select 3 EL WYE in the meter programming setup.

2. On 3-wire GROUNDED WYE and DELTA voltage systems, wire terminal — Vef of EPM 2200 to Terminal and vb.
   Omit CT2. Current transformer. Select 2 CT DELTA in the meter programming setup.

3. Refer to EPM 2200 Installation & Operation Manual for more details.

4. **DANGER — HAZARDOUS CONDITIONS:**

   CT SECONDARY CIRCUITS ARE CAPABLE OF GENERATING LETHAL Voltages and CURRENTS WHEN OPEN-CIRCUITED WITH THEIR PRIMARY CIRCUIT ENERGIZED. Standard safety precautions should be followed while performing any installation or service on the device (For example, shorting the CT secondaries, etc.).

5. When there is no XFR (for 120–240V application), connect 14B & 15B wire from fuse block to the Meter.

---

**ABB PROPRIETARY AND CONFIDENTIAL INFORMATION**
The information contained in the document has to be kept strictly confidential. Any unauthorized use, reproduction, distribution or disclosure to third parties is strictly forbidden. ABB reserves all rights regarding intellectual Property Rights. Copyright 2018 ABB. All rights reserved.

**MOUNTING HOLE LAYOUT (DOOR INSIDE VIEW)**

**NOTE:**
1. Meter hole location shown for reference only. Use manufacturing fixture to locate the meter hole.

**INSTALLATION INSTRUCTION:**
1. Drill the hole on the cabinet door for meter.
2. Use the mounting instruction provided in the meter data.
3. Use ring terminals (RA753 or RA18-38) on load lug on phase A, B & C of power panel to get line voltage through J12 plug to the auxiliary panel.
4. Mount shorting block on CT bracket for 40-400A and mount near the power panel for other amperages.

**FOR 40-400A UNIT (WITHOUT DOOR)**

**FOR 800-1200A UNIT (WITHOUT DOOR)**

ABB PROPRIETARY AND CONFIDENTIAL INFORMATION
The information contained in this document is the property of ABB and is proprietary and confidential. The information is intended for the use of the purchaser and is not to be disclosed to third parties.