

Commercial Metering

EM737 CT based metering



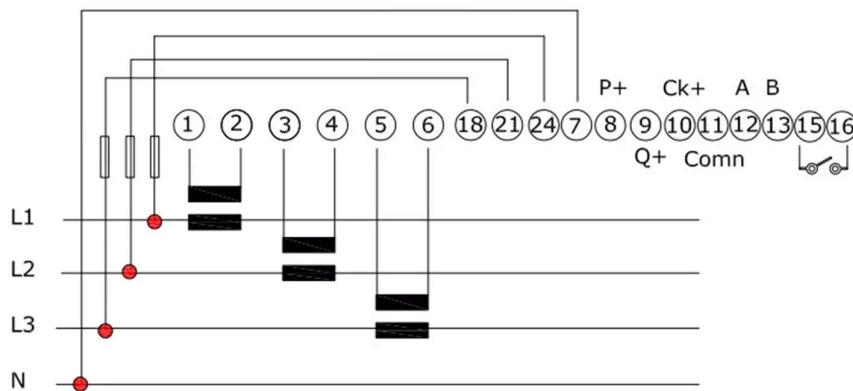
This meter requires a voltage reference L1, L2, L3 and N to be provided this should be from a maximum 20a supply with a cable size of 2.5mm<sup>2</sup> or less.

A data cable needs to be installed between this meter and the EMS, this should be Belden type cable.

The meter is DIN rail mounted and should be installed as close to the incoming supply as possible for ID1 grid monitoring and as close to the generation source as possible for ID2 generation monitoring. An enclosure is not provided.

The ID numbers of the metering can be changed on the screen so it does not matter which of the supplied meters is installed where.

Wiring Diagram



CT Clamps

One CT clamp is to be placed around each phase at the point of incoming supply prior to any distribution.

One CT clamp is to be placed around each phase on the supply cable to any on-site generation.

By default 400/5 CT clamps will be provided unless specified differently at time of order. If the supply is via bus-bar or multiple cables per phase please let us know at time of order so the correct CT Clamps can be provided.

The CT clamp rating must be suitable for the maximum demand of the site

