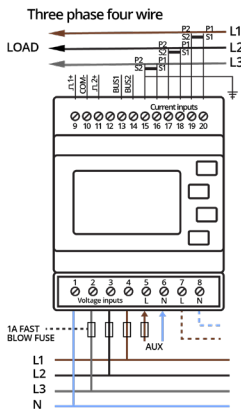


INSTALLATION GUIDE

GEM630/ SDM630MCT



PINS	PINS
1 Neutral	14 RS485 A (To Inverter +ve)
2 L3 Voltage Monitor	15 L3 CT Black
3 L2 Voltage Monitor	16 L3 CT White
4 L1 Voltage Monitor	17 L2 CT Black
5 Meter Power Live (Link to Pin 2)	18 L2 CT White
6 Meter Power Live (Link to Pin 2)	19 L1 CT Black
13 RS485 B (To Inverter -ve)	20 L1 CT White

METERING

Every 3 Phase system will need 1 GEM630 (ID1) meter installing to monitor the import and export of the building. Every GEM630 meter needs a 230V power supply and a voltage reference point.

This could be a dedicated supply from a 6A, for example.

Every GEM630 meter will need a data connection back to the inverter's meter communication port. Positive is A (TX+) and negative is B (TX-).

Data connection should be twisted pair cable, for example, Belden multi-stranded cable.

GEM630 meters come with 3 split core CT that has a 2m cable.

This must not be cut down or extended.