

I-Line MCCB panelboards

Size 2 630A panelboards

Step 4 Select metering

The I-Line Panelboard product range has been enhanced to include the facility to meter incoming and outgoing circuits. This enables contractors to easily and simply meet the requirements of Part L2 of the Building Regulations. These metering kits allow great flexibility in the choice of meter and also in the configuration of the boards.

A standard board can be adapted to meter the incoming supply and some or all of the outgoing circuits by the addition of three components.

These components are:

1 Metering kit. This contains a replacement wireway door with 96 sq cutouts for the number of outgoing ways of the board plus one. This additional cutout is to meter the incoming supply as required. Blanking plates are supplied for unused meter positions. One door kit per board.

A. Select metering kit

Size 2 630A

Reference number

MPMK206 6 way I-Line metering kit

MPMK210 10 way I-Line metering kit

MPMK214 14 way I-Line metering kit

MPMK218 18 way I-Line metering kit

B. Select metering CT set for each MCCB to be monitored

2 Current transformer kit. One kit for each circuit to be measured. The kit will comprise a three phase CT block, mounting plate and cable loom. The CT blocks fit to the breakers. The CT size and ratio matches the breaker.

Reference number

CT ratio

MPCT125 C frame breaker

125/5

MPCT150 C frame breaker

150/5

MPCT250 C frame breaker

250/5

MPCT400 L frame breaker

400/5

MPCT600 M & P frame breakers

600/5

C. Select PowerLogic meters for each circuit to be measured

Reference number

PM700 Multi function PowerMeter.

PM700P Multi function PowerMeter with pulse outputs

PM710 Multi function PowerMeter with Modbus RS485 output

PM750 Same functions as the PM710, plus two digital inputs, one digital output, alarms and signed power factor. The PM750 digital output can be simply configured as a kWh pulse output

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Metering facilities

Metering CT set for each MCCB to be monitored

Reference number		CT ratio
MPCT125	C frame breaker	125/5
MPCT150	C frame breaker	150/5
MPCT250	C frame breaker	250/5
MPCT400	L frame breaker	400/5
MPCT600	M & P frame breakers	600/5
MPCT800	M & P frame breakers	800/5
MPCT1000	N & R frame breakers	1000/5
MPCT1250	N & R frame breakers	1250/5

Meter blanking plates

Reference number	
3908	Cream 96sq blanking plate

PowerLogic meters

Reference number	
PM700	Multi function PowerMeter.
PM700P	Multi function PowerMeter with pulse outputs.
PM710	Multi function PowerMeter with Modbus RS485 output
PM750	Multi function PowerMeter with Modbus RS485 and pulse outputs