

MCCB Panel Boards

Meters, Current Transformers and Wiring Looms

Loadbank 125
MCCB Panel Boards
250A and 400A

Meter Housing Enclosure

- Stackable meter housing unit for up to six outgoing DIN-rail mounted meters and corresponding current transformers
- Can be mounted below or above the main panel board for incoming or outgoing metering options
- Includes DIN-rail for mounting meters, current transformers and fuses
- Meters, current transformers and wiring looms to be purchased separately
- Matching width and depth to correspond with main panel board

Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	Product Code
450	700	190	13	PBYA2MB

DIN-rail Meter

Description	Product Code
1 Phase / 3 Phase DIN-rail Multi-function Meter RS485 Modbus and Pulse output communication as standard Total harmonic distortion (THD) measurement up to the 31st harmonic True rms measurement Programmable CT ratios from 1 to 9999 Backlit LCD display	Ri3-01

3-in-1 Measuring Current Transformers

- Up to Class 0.5 accuracy
- System voltage up to 720V
- Secondary output to Meter of 5A
- Operating temperature of -20°C to +70°C

Use	Description	Maximum cable aperture (mm²)	Product Code
Incoming	250A 3-in-1 CT Core Size 45mm	150	M3N1-45-250/5
Incoming	400A 3-in-1 CT Core Size 45mm	150	M3N1-45-400/5
Outgoing	60A 3-in-1 CT Core Size 25mm	50	M3N1-25-60/5
Outgoing	100A 3-in-1 CT Core Size 25mm	50	M3N1-25-100/5
Outgoing	125A 3-in-1 CT Core Size 25mm	50	M3N1-25-125/5

Wiring Looms

- Quantity of 1 x PBWP fused voltage tap off loom required per board
- Fuse to Voltage loom PBWI required for incoming meter
- Fuse to Voltage loom PBWM6 required for up to six outgoing meters
- CT to Meter Loom PBWCT required for each outgoing meter

Description	Product Code
Fused Voltage Tap Off Loom	PBWP
Fuse to Voltage loom for Incoming meter	PBWI
Fuse to Voltage loom for up to six outgoing meters	PBWM6
CT to Meter Loom	PBWCT

Please see our **Metering Selection Chart** on the following page which details all of the parts required in order to correctly meter the Loadbank 125 Panel Board Range

