

# Quick2Fit Metering Selection Chart

## Loadbank MPI & MPIM Meters

### Step 1 Select cableways and cableway metering door kits

Cableways can be fitted to one or both sides of the board and incoming device enclosure, as per your cabling and metering requirements.  
If metering is required then please order a metering door kit to suit the cableway.

Panel board	Modular Height	Height (mm)	Cableway	Meter Door
LB406YA3 / LB806YA3	4	609	LECM4	LECMD4
LB412YA3 / LB812YA3	6	914	LECM6	LECMD6
LB418YA3 / LB818YA3	8	1219	LECM8	LECMD8
LF806A / LF806YA3	5	762	LECM5	LECMD5
LF810A / LF810YA3	8	1219	LECM8	LECMD8

### Step 2 Each Left or Right Hand cableway with meters requires: 1 x LBWRPL - Meter Supply Kit.

This can be connected to the incoming connections or to the top end of the busbars and contains connections and fuses for one meter. If the incoming meter is in the lower part of the board and the outgoing meters are towards the top (i.e. greater than 5 modules / 762mm away) we suggest using an additional LBWRPL to supply the incoming meter.

### Step 3 Select Outgoing Meter Type:

MPI – Quick2Fit Multi-function Panel Mount Meter

OR

MPIM – Quick2Fit Multi-Function Panel Mount MID meter

### Step 4 Each additional meter (not connected to LBWRPL) requires:

**1 x TAS-F-MTMSCO.3** - 0.3m long meter to meter supply cable, which is suitable for meters in adjacent knockouts in cableway at maximum 120mm apart. If the meters are not installed in adjacent knockouts then a selection of longer meter to meter supply cables are available in 0.5 and 1 metre lengths - replace figure at end of catalogue item with number e.g. 0.50 is 0.5m. Please refer to previous page for full product codes.



### Step 5 Each outgoing meter also requires:-

- 1 x **TAS-RJ45CC0.50P** - CT to meter RJ45 connection
- 1 x **3-Phase CT** either:-
  - RI-CT242-EW-060 for 0** - 63A outgoing device
  - RI-CT242-EW-100 for 63A** - 100A outgoing device
  - RI-CT242-EW-125 for 80A** - 125A outgoing device
  - RI-CT242-EW-200 for 160A** - 200A outgoing device
  - RI-CT242-EW-250 for 160A** - 250A outgoing device

### Step 6 Incoming meter also requires:-

- 1 x **LBWRCT** - CT connection kit
- 1 x **MPI** – Quick2Fit Multi-function Panel Mount Meter
- 3 x **5A secondary CTs** either:-
  - M53J-200/5** for 200A Fuse switch
  - M53J-250/5** for 250A YB3 MCCB
  - M63N-400/5** for 400A YA6 MCCB/ Fuse switch
  - M63N-600/5** for 630A YA6 MCCB
  - M63N-800/5** for 800A YA7 MCCB
  - M93L-800/5** for 800A Fuse switch

# Loadbank 250 MPI & MPIM Meters

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