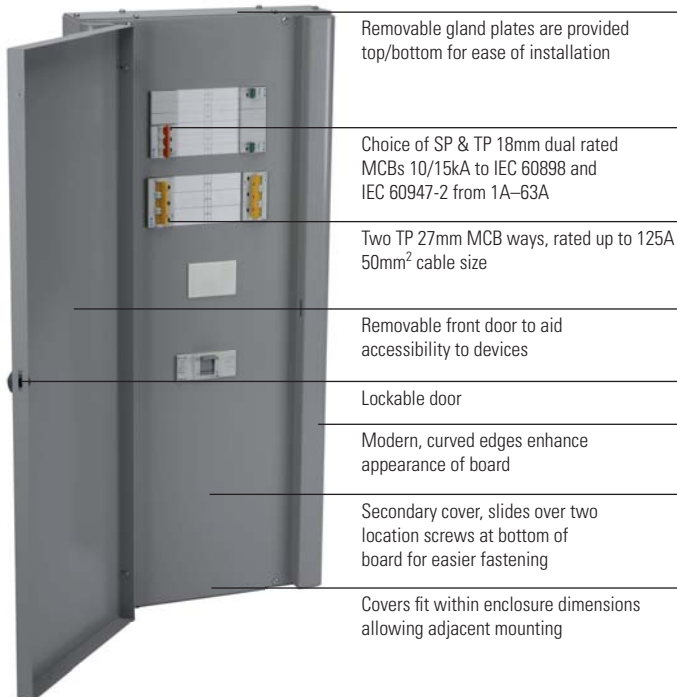


Memshield 3 high load  
distribution boards.  
Save cost.  
Save space.

New electrical distribution solutions for  
commercial and larger residential buildings



#### Type B TPN 250A High Load distribution boards



Removable gland plates are provided top/bottom for ease of installation

Choice of SP & TP 18mm dual rated MCBs 10/15kA to IEC 60898 and IEC 60947-2 from 1A–63A

Two TP 27mm MCB ways, rated up to 125A 50mm<sup>2</sup> cable size

Removable front door to aid accessibility to devices

Lockable door

Modern, curved edges enhance appearance of board

Secondary cover, slides over two location screws at bottom of board for easier fastening

Covers fit within enclosure dimensions allowing adjacent mounting

Developed to respond to the needs of smaller commercial and larger residential buildings, Eaton's new 250A TPN range of High Load MCB boards delivers increased versatility by having the ability to supply and protect sub loads up to 125A.

#### Savings

- **Cost** – larger outgoing capability where required for sub-circuits means the use of one small board instead of a panelboard to serve two sub-boards is possible.
- **Space** – it's smaller footprint takes up less space

#### Flexible solution

- **Retro-fit** – can be fitted to an existing system when supplies need upgrade
- **Metering** – a choice of metering solutions available as standard. Developed to provide solutions to aid compliance with Part L2 of Building Regulations
- **Cable Trunking** – a new cable trunking interface kit is available to provide additional mechanical protection of incoming cables.

**EATON**

Powering Business Worldwide

# Type B TPN High Load distribution boards



Combination screw heads on all devices

Terminal shield covers fitted for increased safety

Complete range of incomer kits available

Maximised wiring space integrated in the board length

## Incoming devices

The most popular choice will be the 250A TPN switch disconnecter incomer option, but other choices include MCCB incomers from 160A to 250A and a contactor controlled incomer pack. There is also a direct connection option available for applications that do not require local isolation.

## Outgoing devices

For Type B distribution boards, there is a choice of single pole or triple pole MCBs plus SP RCBOs. MCBs are available in current ratings from 1A-63A, with trip types B, C and D, 10kA to IEC 60898 and 15kA to IEC 60947-2. RCBOs to IEC 61009 10kA are also available in a choice of trip sensitivity options from 10mA-100mA.

For the 250A high load board, provision is given to accommodate 6 x SP or 2 x TP 27mm MCBs rated from 80-125A IEC 60947-2.

## Metering solutions

A choice of metering solutions is available as standard, providing clear electrical consumption information as well as a permanent capability of visualising information on a variety of other electrical parameters. The metering options have been developed to provide simple solutions to aid compliance with Part L2 of the Building Regulations.

## Cable trunking

Where used with 250A sized incomers, an extension box or the provision of suitable sized cable trunking is required to accommodate incoming cabling. A new cable trunking interface kit is available to provide additional mechanical protection of incoming cables. Request Eaton list number **EBMTK**.



## 250A TPN, Type B High Load distribution board

- These boards include 2 TPN outgoing ways for 27mm MCB (upto 125A)

Description	Rating (A)	Total no. of 18mm TP outgoing ways (63A max)	Total no. of 27mm TP outgoing ways (125A max)	Total no. of outgoing ways	Eaton list number
2 way TPN, Type B distribution board	250	0	2	2	<b>EBM22H</b>
6 way TPN, Type B distribution board	250	4	2	6	<b>EBM62H</b>
8 way TPN, Type B distribution board	250	6	2	8	<b>EBM82H</b>
12 way TPN, Type B distribution board	250	10	2	12	<b>EBM122H</b>
18 way TPN, Type B distribution board	250	16	2	18	<b>EBM182H</b>
24 way TPN, Type B distribution board	250	22	2	24	<b>EBM242H</b>

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