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# TP&N DISTRIBUTION BOARD TYPE B

**Distribution boards for modern commercial  
& industrial installations**

# TP&N DISTRIBUTION BOARD - TYPE B



- **Designed & Engineered in the UK**
- **Compliant to BS EN 61439-3:2012**
- **Supplied unpopulated for maximum design flexibility**
- **Select main switch to suit your board design installation requirements**

## TP&N Distribution Boards

The complete solution to managing the distribution of electricity in commercial premises such as offices, warehouses, factories, schools, hospitals etc.

Lewden distribution boards provide the flexibility required allowing engineers to design a functional distribution system that protects the electrical installation in a compact, modern enclosure. Each board has been designed to save space and provide quick and easy installation.

Compliant to BS EN 61439-3 with an all steel construction and a low smoke and fume powder coated finish to RAL 9003.

- Four modular sizes available: 4, 8, 12, 16.
- Compatible with the Lewden 10kA MCB & RCBO range.



## Attractive and ergonomic profile designed for commercial premises



- Optimal space for simple and safe wiring.
- Earth and neutral termination on both the left and right hand side of board for clear identification of load circuit connections.



- Supplied with lock and key for security



- Detachable undrilled gland plates (top and bottom)

### Main features:

- Heavy gauge (1.2mm) robust steel construction, suitable for wall mounting
- Complies to BS7681:2008 + Amendment 3:2015
- Optimal cabling space
- Rigid construction prevents distortion
- Lockable hinged access door for safety and security
- Removable top and bottom gland plates
- Powder coated textured finish to RAL 9003 white
- Incoming terminal capacity 50 mmsq

# TP&N DISTRIBUTION BOARDS - TYPE B



PART NUMBERS	DESCRIPTION	DRAWING REFERENCE
E-TPN04LW	4 way, 125A, Type B, without m/s	MODULE 4
E-TPN08LW	8 way, 125A, Type B, without m/s	MODULE 8
E-TPN12LW	12 way, 125A, Type B, without m/s	MODULE 12
E-TPN16LW	16 way, 125A, Type B, without m/s	MODULE 16

## Technical Data

Incomer	Busbar Rating	Rated Operational Voltage Ue	Rated Impulse Withstand Voltage Uimp	IP Rating	Rated Conditional Short Circuit Current ICC:
Option of 100A or 125A 3 or 4 pole main switch	200A	230V/400V 50Hz	4kV	IP2XC	16kA RMS (backed up by a 125A fuse)

## MAIN SWITCH EN609-471-1 / EN60947-3

Choose a main switch to suit your installation.



PART NUMBERS	DESCRIPTION
EMS-1003P	100A Main Switch, 3 pole
EMS-1004P	100A Main Switch, 4 pole
EMS-1253P	125A Main Switch, 3 pole
EMS-1254P	125A Main Switch, 4 pole

# ACCESSORIES

## 10kA MCBs EN60898-1



Rated Current	B TYPE		C TYPE			D TYPE		
	1 POLE	3 POLES	1 POLE	2 POLES	3 POLES	1 POLE	2 POLES	3 POLES
6A	E10-1B06	E10-3B06	E10-1C06	E10-2C06	E10-3C06	E10-1D06	E10-2D06	E10-3D06
10A	E10-1B10	E10-3B10	E10-1C10	E10-2C10	E10-3C10	E10-1D10	E10-2D10	E10-3D10
16A	E10-1B16	E10-3B16	E10-1C16	E10-2C16	E10-3C16	E10-1D16	E10-2D16	E10-3D16
20A	E10-1B20	E10-3B20	E10-1C20	E10-2C20	E10-3C20	E10-1D20	E10-2D20	E10-3D20
25A	E10-1B25	E10-3B25	E10-1C25	E10-2C25	E10-3C25	E10-1D25	E10-2D25	E10-3D25
32A	E10-1B32	E10-3B32	E10-1C32	E10-2C32	E10-3C32	E10-1D32	E10-2D32	E10-3D32
40A	E10-1B40	E10-3B40	E10-1C40	E10-2C40	E10-3C40	-	-	-
50A	E10-1B50	E10-3B50	E10-1C50	E10-2C50	E10-3C50	-	-	-
63A	E10-1B63	E10-3B63	E10-1C63	E10-2C63	E10-3C63	-	-	-

## 10kA RCBOs - 1 Pole

EN61009-1



RATED CURRENT	10 kA - B TYPE 30mA	10 kA - C TYPE 30mA
6A	RCBO10-06/30/1M/C	RCBO10-06/30/1M/B
10A	RCBO10-10/30/1M/C	RCBO10-10/30/1M/B
13A	RCBO10-13/30/1M/C	RCBO10-13/30/1M/B
16A	RCBO10-16/30/1M/C	RCBO10-16/30/1M/B
20A	RCBO10-20/30/1M/C	RCBO10-20/30/1M/B
25A	RCBO10-25/30/1M/C	RCBO10-25/30/1M/B
32A	RCBO10-32/30/1M/C	RCBO10-32/30/1M/B
40A	RCBO10-40/30/1M/C	RCBO10-40/30/1M/B



### Single phase copper link

Converts board to a single phase incoming supply

PART NUMBER

TPN-SPL



### 18mm module blanks

For door cut out  
2 x 6 ways strips

PART NUMBER

CU-BL



### Phase insulators

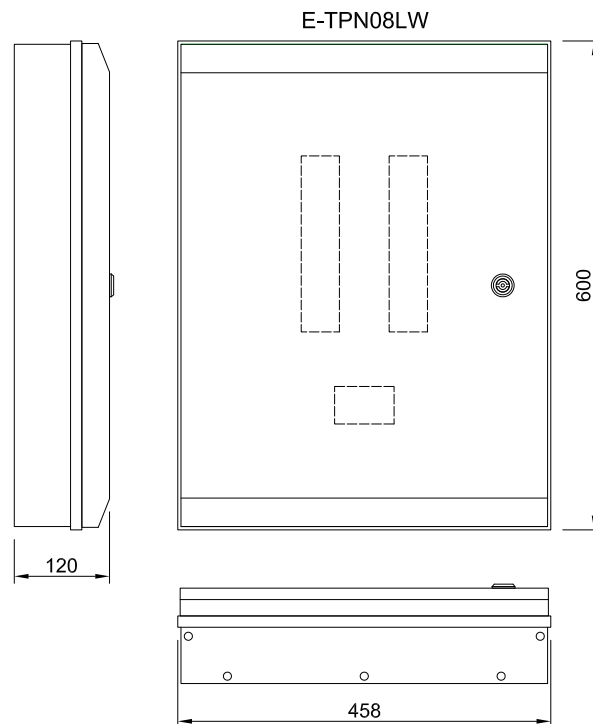
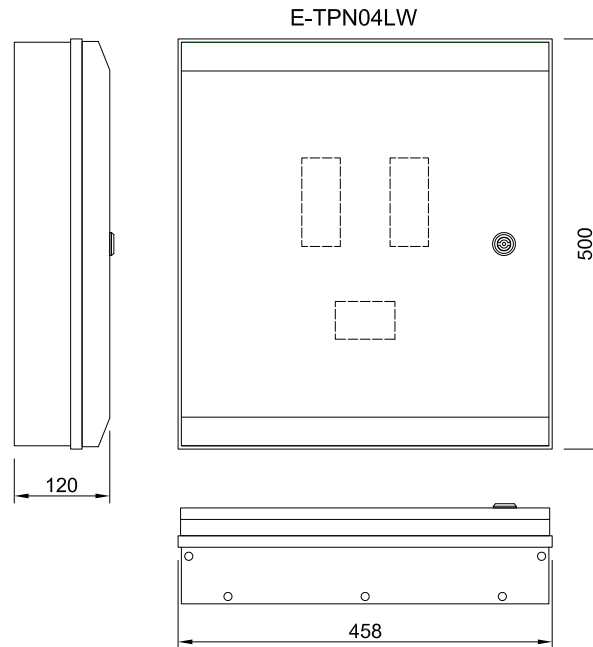
For blanking of unused outgoing ways  
Pack Qty: 100

PART NUMBER

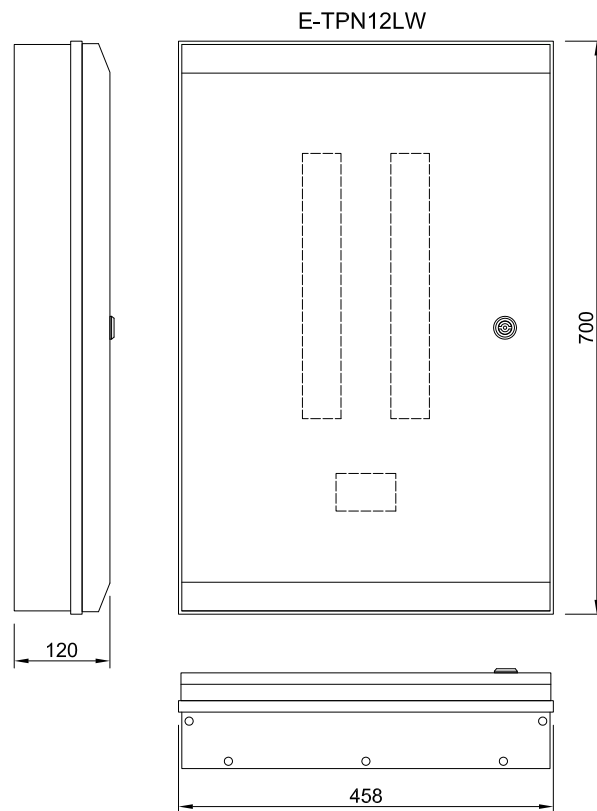
PI

Coming soon a range of new accessories:

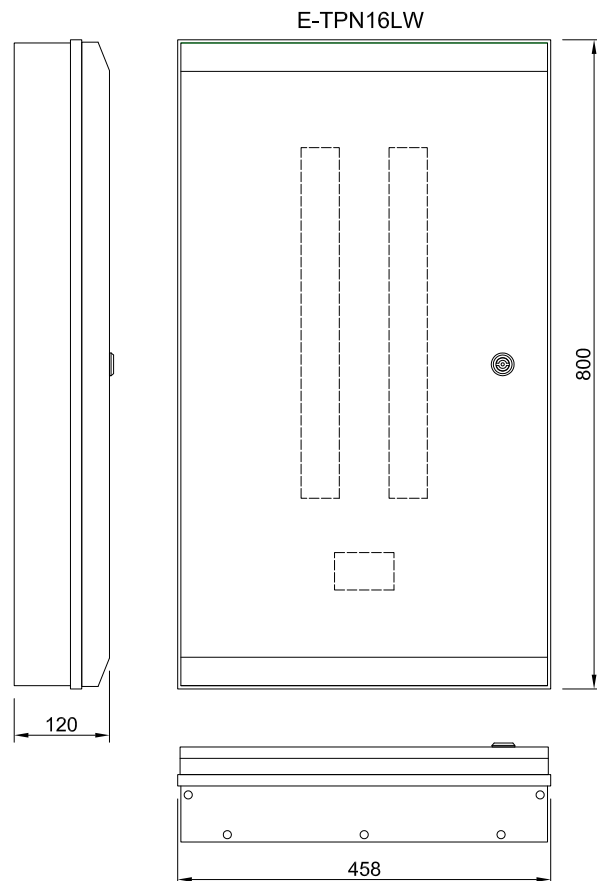
Cable Extension Box - TPN Board Coupling Box - 19 module extension enclosure - Multi function Mating Kit



## MODULE 12



## MODULE 16





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Also available

## METAL CONSUMER UNITS AMENDMENT 3 COMPLIANT



## Comprehensive range includes:

Populated RCBO units, Populated MCB Units, Garage Units,  
Dual Flexi, 6kA MCBs, 6kA RCBOs.... and many more.

For more information contact your Lewden Regional Sales Manager  
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