

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation. All connections should be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



200-250A Three-Phase Type B Distribution Boards and Incomer Kits

Description

- Type B distribution boards.
- Available in 8, 12, 16, 20 and 24 three-phase ways.
- Independently type tested to IEC 61439-3.
- Complies with the requirements of BS EN 61439-3 / EN 61439-3.
- Epoxy powder coated RAL7035.
- IK10 / IP30.



Features & Benefits

- Modular construction allowing boards to be vertically stacked for separation of lighting and power circuits for metering.
- Removable gland plates facilitating drilling/ hole punching.
- Door key lock as standard preventing unauthorised access.
- Separate modular DIN rail enclosure for timers and modular contactors.
- Separate extension box for increased wiring space for outgoing cables.
- Adjustable MCCB/ CBR (160-250A) - Covering a wide range of applications.
- Generous wiring space for incomer cables (up to 120mm²). No requirement for extension box.
- SPD and meter-ready. Kits sold separately.
- Neutral link supplied as standard on 3-pole incoming device.
- All incomer kits comes complete with the incoming enclosure, links, shrouds and assembly instructions.

SLTPN200/250 Distribution Board

Description

SLTPN200-08	200A TPN 8 Way Board
SLTPN250-12	250A TPN 12 Way Board
SLTPN250-16	250A TPN 16 Way Board
SLTPN250-20	250A TPN 20 Way Board
SLTPN250-24	250A TPN 24 Way Board

SLTPN200/250 Incomer Kits

Description

SLTPN250-MSKIT3PNL	3 Pole + Neutral Link Main Switch Incomer Kit
SLTPN250-MSKIT4P	4 Pole Main Switch Incomer Kit
SLTPN250-MCCBKIT4P	4 Pole MCCB Incomer Kit* (160-250A)
SLTPN250-CBRKIT4P	4 Pole CBR Incomer Kit* (160-250A)

**Incoming device must be set to 200A for 8-way outgoing board (SLTPN200-08).*

Note: Maximum palm width for M8 copper tube lug = 23mm.

Outgoing Devices

EUC1P and EUC3P****

EUC7RC./****

EUC7R./****

Description

10kA MCB, 1-63A, B & C Curve

10kA Compact RCBO, 6-40A, B & C Curve

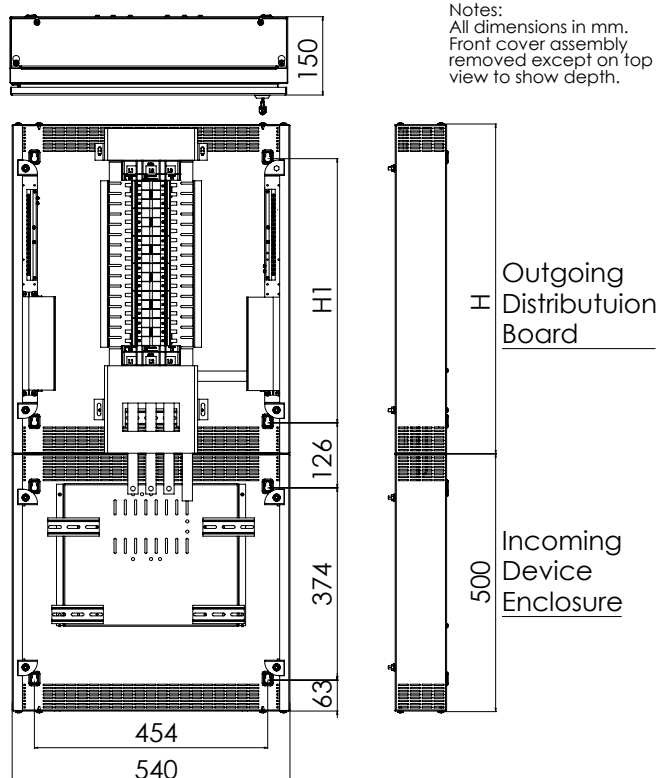
10kA RCBO, 50-63A, B & C Curve

Will also accommodate Europa 6kA devices where installation permits.

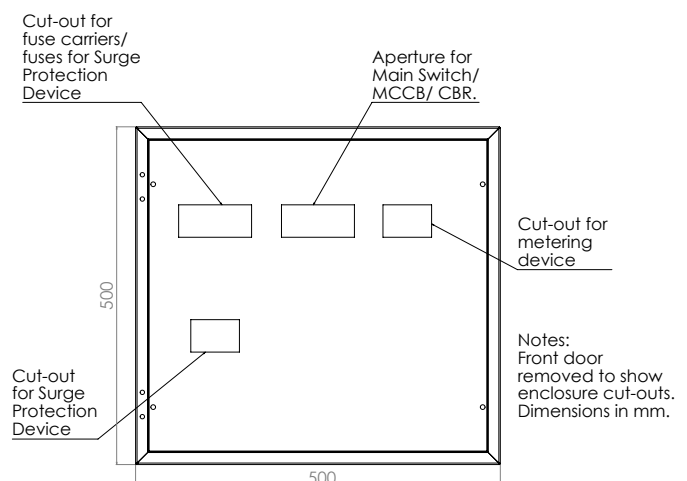
Technical Characteristics

Product Range	SLTPN200-08 SLTPN250-12 / 16 / 20 / 24
Standard(s)	BS EN 61439-3 / EN 61439-3
Type	B
Rated Current (I_n)	200A (8-way only), 250A
Rated Condition Short Circuit Current (I_{cc})	25kA
Rated Operational Voltage (U_e)	AC 400V
Rated Insulation Voltage (U_i)	690V
Rated impulse withstand Voltage (U_{imp})	8kV
Rated Frequency (f)	50Hz
Number of Poles	3 Phase + N + PE
Humidity	Not exceeding 50% at 40°C and 90% at 20°C
Rated Pollution Degree	3
Rated Mechanical Impact Protection Degree	IK10
Rated Protection Degree	IP30
Rated Diversity Factor for Outgoing Devices (n)*	0.6 (8-Way), 0.5 (12 to 24-Way) as per Table 101 of BS EN 61439-3

**Note: Only applies to continuously and simultaneously loaded circuits.*



Part Number	H (mm)	H1 (mm)
SLTPN200-08	560	434
SLTPN250-12	640	514
SLTPN250-16	720	594
SLTPN250-20	800	674
SLTPN250-24	880	754



Incoming Device Enclosure