Product Data Sheet

Product Code:	Issue No.	Issue Date:	Issue by:
XL12S125	**A**	**09.08.09**	**D.B.P**

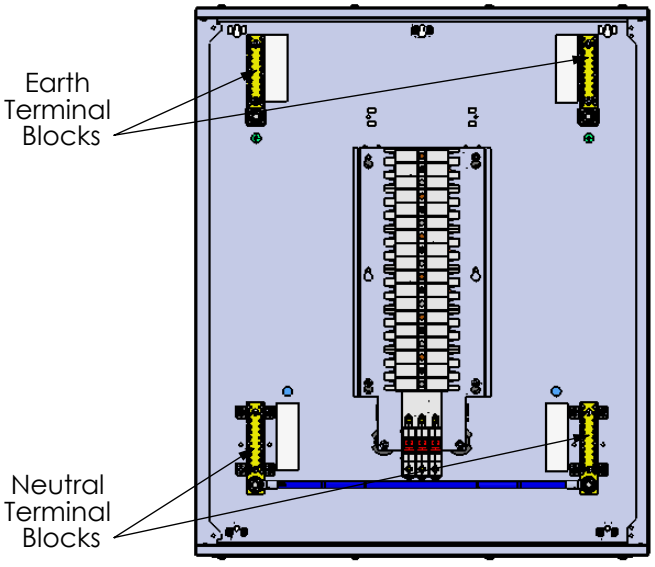
Description

XL TPN Distribution Board 12 way c/w 125A TP Switch Disconnector Incomer

General Characteristics

Standards	BSEN60439-3
Current rating	125A max incomer
Voltage rating	400V a.c.
Enclosure material	Cold Rolled Steel
Colour	Light Grey - RAL7035
Cover door	Solid Steel door - side hinge (detachable)
IP Rating	IP31
No of poles	3 + Neutral
Terminal Capacity	50sqmm Box/Tunnel terminals - Incomer
Tightening Torque	2-2.5Nm - Incomer
Cable entry facility	Removable Glandplates - Top and Bottom. Bottom plate also with variable knockout 25 / 33mm

Internal Wiring Schematic



Switchgear Fitted

Device	Rating	No. of Outgoing TP ways
TP ISOLATOR (INCOMER)	125A	12

General Device Specification:

Outgoing Switchgear - ordered separately

MCB:
6A to 63A Single, Double & Triple Pole
BSEN60898
230 - 400V AC
Types B, C and D
Short Circuit Rating = 10kA*
* - 50A and 63A rated 6kA

RCBO: XL Range
6A to 50A Single Pole + N(unswitched)
BSEN61009
230V AC
Types B and C
Earth Fault Sensitivity Type = A Standard
Short Circuit Rating = 6 and 10kA

Proteus Switchgear - Industrial Division: Stafford Park 12, Telford, Shropshire, TF3 3BJ
Tel:01952 292001 Fax:01952 292837W: www.proteusswitchgear.co.uk

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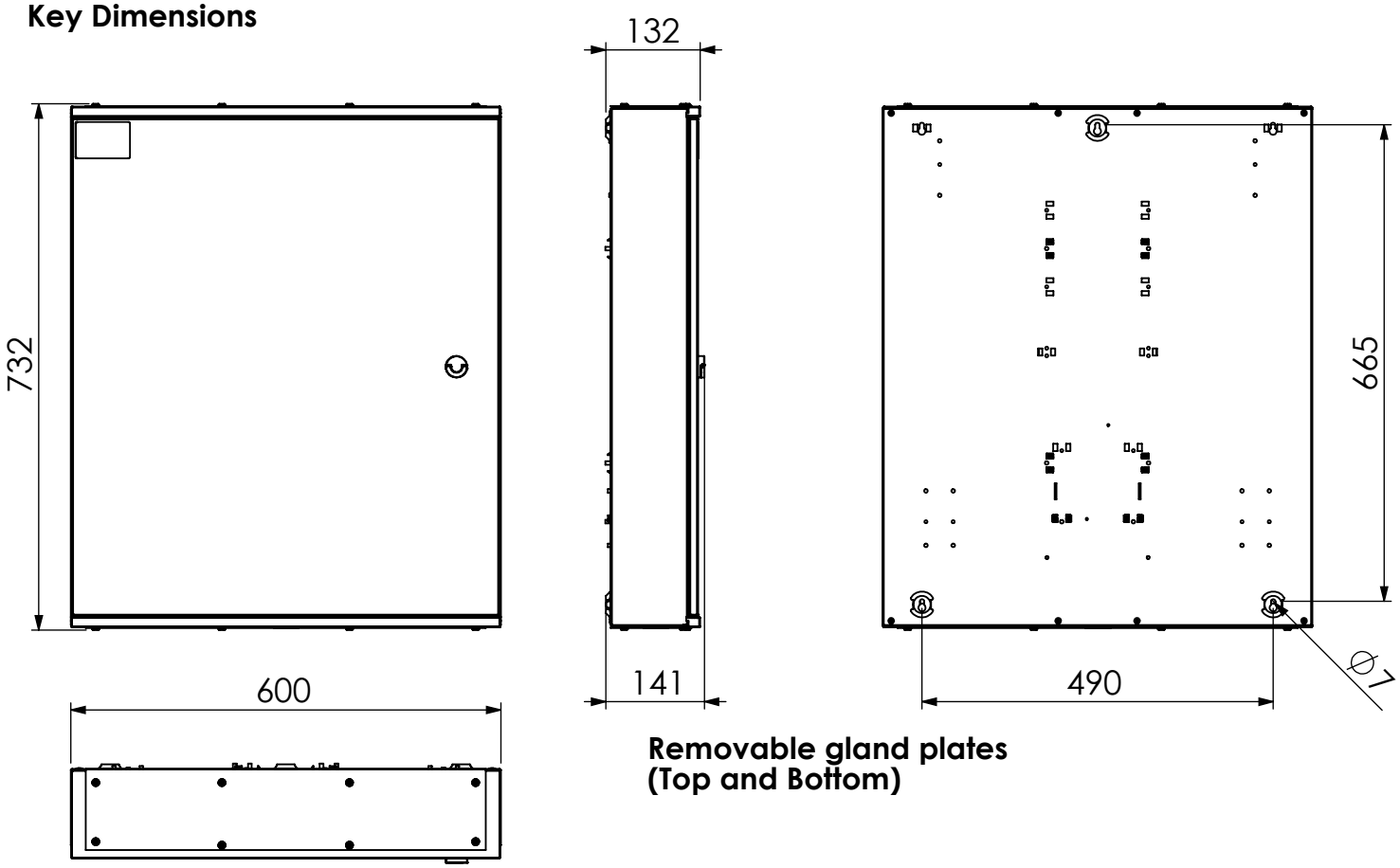
Key Dimensions



Removable gland plates (Top and Bottom)

Additional information

ELECTRICAL
Earth & Neutral terminals - 25mm2 &16mm2
Rated frequency: 50Hz
Rated operational voltage: 230/400V a.c
Rated insulated voltage: 300/660V a.c
Short circuit rating: 10kA conditional short circuit (ie back up protection required fuse or mccb)
Earthing system: Suitable for use with TN-S, TN-C-S and TT systems.
EMC environment: Environment type 1.

PHYSICAL
Ambient operating -5°C to +40°C (Not exceeding average of 25°C in any 24 hour period)
Enclosure: Metalclad base, main cover, endplates and door powder coated in hardwaring epoxy light grey paint ref:RAL7035

INSTALLATION
Service conditions: Wiring of this product must comply with current IEE regulations. Units are intended for indoor use and dry conditions and not where high levels of humidity and temperature are experienced.
Note: IP rating of enclosure can be compromised if correct use of glands and knockouts is not followed when installing unit.