

# Product Data Sheet



Product Code: <b>BX6S2T12</b>	Issue No. <b>A</b>	Issue Date: 03/12/2018	Issue by: T. Tombs
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## Description

5 Way TP mcb distribution board with 200A TP switch disconnecter incomer and Type 1+2 surge arrester for TN-S/TNC-S & TT system.

## General Characteristics

Standards.	BS EN 61439-1&3
Current rating.	200A – AC21, 160A AC22.
Voltage rating.	230 / 400V a.c. 50/60Hz.
Fault current rating	10kA Icc.
Enclosure.	1.2mm cold rolled steel with an epoxy paint finish to RAL7035 matt grey.
# Spreader box.	Cable spreader box recommended – BXS B1 (265mm high).
IP Rating.	IP 3X
Pollution degree.	3
No of poles.	3 + neutral
# Incomer terminal capacity.	70mm.sq. tunnel terminal, 95mm.sq. with links provided – M8 bolt
Incomer terminal tightening torque.	6 Nm (tunnel 5mm allen key). 20Nm (M8 bolt).
Cable entry facility.	Top & bottom endplates removable for ease of cutting.
Covers / Door.	Side hinged solid door (removable) c/w metal turn catch.
No of Outgoing TP ways.	5
Equipment type.	Fixed stationary
Weight.	11.4 kg



## Switchgear Fitted

Device	Rating
3 pole switch disconnecter	200A AC21.
Type 1+2 surge arrester.	

BXS B1 cable spreader box.



SPD Type 1 + 2.	50kA (10/350) – limp 50kA (8/20) – I <sub>max</sub> 20kA (8/20) – I <sub>n</sub> (20x min). ≤1.3 kV (L-N) – U <sub>p</sub> @ I <sub>n</sub>
Max. overcurrent protection.	200A gL/gG

## General Device Specification – Outgoing Switchgear ordered separately

<b>MCB:</b>	Please refer to Device data sheet for further information. 6 to 63A SP, DP and TP mcb's, type's B, C & D. 6A to 45A single module RCBO's, types B & C. Compact RCBO's, types B & C. Isolator and mcb dolly locks available.
<b>SPD:</b>	Request specification sheet SPD/T12/4P.

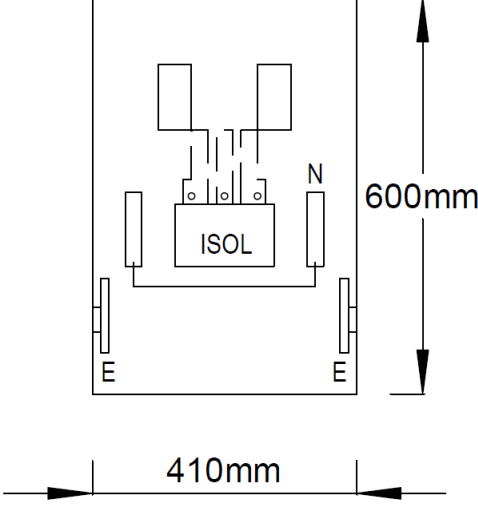
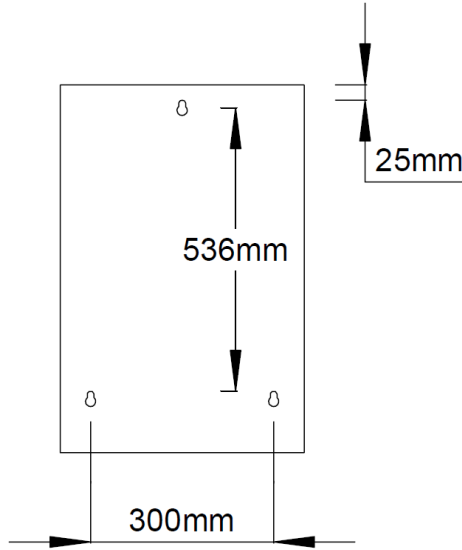
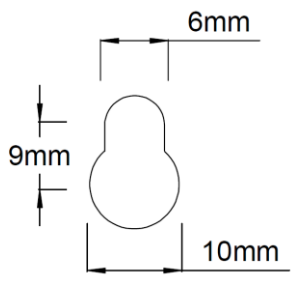
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Key Dimensions	Mounting hole positions	Fixing foot detail.
 <p>410mm</p> <p>600mm</p> <p>Depth 110mm</p>	 <p>25mm</p> <p>536mm</p> <p>300mm</p>	 <p>6mm</p> <p>9mm</p> <p>10mm</p>

## Additional information.

### Usage

Intended for use by ordinary persons or instructed persons.

### Electrical

Earth & Neutral terminals M10 main bolt, 30Nm. Outgoing terminals: 8 x 25mm.sq, others 16mm.sq. Earth & neutral bar both sides of case.

Rated frequency: 50Hz.

Rated operational voltage: 230/400V a.c.

Rated insulation voltage: 690V a.c.

Earthing system: Suitable for use with TN-S/TNC-S & TT systems.

EMC environment: Environment type A.

### Physical

Ambient operating temperature -5 to 40 °C

(Not exceeding average of 35 °C in any 24 hour period).

Maximum altitude 2000m.

Enclosure: Folded mild steel enclosed assembly. Powder coated in Hard wearing epoxy matt light grey paint to RAL 7035.

### 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 enclosures can be compromised if correct use of glands is not followed when installing unit.