

# Invicta 3 Panelboard System (250A Rated)

## 250A Incoming 125A Outgoing



### Specification

Complies with BS EN 61439-2.  
Enclosure degree of protection:  
IP3X

### Construction

Enclosures manufactured from  
1.2mm DC01M cold reduced  
mild steel, phosphate pretreated  
and powder coated to 00A01  
BS4800.

Internal separation Form 3A.  
4, 6, 8, 12, 16 Triple Pole  
outgoing ways.

### Cable Capacity Incomers

3 and 4 pole incomers.  
Cable capacity 150mm<sup>2</sup>  
max lug width 25mm.  
Direct connection kit.  
M8 bolt.

### Outgoers

1 & 3 pole MCCB 70mm<sup>2</sup> flexible.  
1 & 3 pole MCCB 95mm<sup>2</sup> solid.

### Busbar Ratings

Busbar rated current 250A  
continuous.  
Busbar rated short-time  
withstand current 25kA for 1s  
direct connected (unconditional).

### Options

Key lock, meter pack, DIN rail,  
extension box, spreader box.

Each JN board is available with  
side cable entries to enable  
the fitting of the JN meter  
enclosures. Just add a 'CE'  
suffix. e.g. JN204BCE

### Outgoing MCCBs

Adjustable thermal options on TP

Form 3B type 2 is achieved using  
the outgoing terminal shield.

For accessories see page 3.21.  
For dimensions see page 3.47.



JN204BG

### Invicta 3 Panelboards (250A Incoming 125A Outgoing)

Comprises of enclosure, pan  
assembly, twin neutral and earth  
bar.

Supplied without incoming kit  
(one of the incomer kits listed  
below must be used).

Description	Cat ref side entry Plain door		Cat ref side entry Glazed door	
4 Way	<b>JN204B</b>	<b>JN204BCE</b>	<b>JN204BG</b>	<b>JN204BGCE</b>
6 Way	<b>JN206B</b>	<b>JN206BCE</b>	<b>JN206BG</b>	<b>JN206BGCE</b>
8 Way	<b>JN208B</b>	<b>JN208BCE</b>	<b>JN208BG</b>	<b>JN208BGCE</b>
12 Way	<b>JN212B</b>	<b>JN212BCE</b>	<b>JN212BG</b>	<b>JN212BGCE</b>
16 Way	<b>JN216B</b>	<b>JN216BCE</b>	<b>JN216BG</b>	<b>JN212GBCE</b>

### Incomer Kits (For other options contact our Technical Service Centre on 01952 675689)

Description	Max cable capacity solid	Cat ref.
3 Pole 250A MCCB Incomer Kit (Adj. Thermal 0.63, 0.8, 1) 40kA (Magnetic 5, 7, 9, 11 x I <sub>n</sub> )	M8 Lug	<b>JN223BM</b>
4 Pole 250A MCCB Incomer Kit (Adj. Thermal 0.63, 0.8, 1) 40kA (Magnetic 5, 7, 9, 11 x I <sub>n</sub> )	M8 Lug	<b>JN224BM</b>
3 Pole 250A Non-Auto MCCB Incomer Kit	M8 Lug	<b>JN223BS</b>
4 Pole 250A Non-Auto MCCB Incomer Kit	M8 Lug	<b>JN224BS</b>
250A Direct Connection Kit	M8 Lug	<b>JN224BD</b>



JN11004SM

### Side Meter Enclosure (blanking plates not included)

Suitable for board type	Spaces for Meters	Cat ref.	Cat ref. pre- cut side cable entries
4 Way JN Board	2 x DIN 96 Cut-Outs	<b>JN9502SM</b>	<b>JN9502SMCE</b>
6/8 Way JN Board	4 x DIN 96 Cut-Outs	<b>JN11004SM</b>	<b>JN11004SMCE</b>
12 Way JN Board	6 x DIN 96 Cut-Outs	<b>JN12506SM</b>	<b>JN12506SMCE</b>
16 Way JN Board	8 x DIN 96 Cut-Outs	<b>JN15508SM</b>	<b>JN15508SMCE</b>

### Top/Bottom Meter Enclosure

Description	Spaces for Meters	Cat ref.
300mm Enclosure	3 x DIN 96 Cut-Outs	<b>JN3003TM</b>
450mm Enclosure	6 x DIN 96 Cut-Outs	<b>JN4506TM</b>
Blanking Plate		<b>JF96BP</b>



JN3003TM

### Corner Filler Enclosures

Description	Cat ref.
300mm Corner Filler Side Enclosure JN	<b>JN300CF</b>
450mm Corner Filler Side Enclosure JN	<b>JN450CF</b>