

Invicta 3 Panelboard 250A

A panelboard with 250A incoming and 125A outgoing and a choice of glazed or plain door.

The panelboard conforms to BS EN 61439-2 providing an efficient solution for electrical distribution in commercial and industrial applications.

Outgoing moulded case circuit breakers from the x160 ranges are utilised in this board.



Description	Cat ref. Plain Door	Cat ref. Glazed Door
Invicta 3 Panelboards (250A Incoming 125A Outgoing)		
4 Triple Pole Ways 250A Panelboard	JN204B	JN204BG
6 Triple Pole Ways 250A Panelboard	JN206B	JN206BG
8 Triple Pole Ways 250A Panelboard	JN208B	JN208BG
12 Triple Pole Ways 250A Panelboard	JN212B	JN212BG
16 Triple Pole Ways 250A Panelboard	JN216B	JN216BG
Incomer Kits		
3 Pole 250A MCCB Incomer Kit (Adj. Thermal 0.63, 0.8, 1) 40kA (Magnetic 5, 7, 9, 11 x In)	M8 Lug	JN223BM
4 Pole 250A MCCB Incomer Kit (Adj. Thermal 0.63, 0.8, 1) 40kA (Magnetic 5, 7, 9, 11 x In)	M8 Lug	JN224BM
3 Pole Switch Disconnecter Incomer Kit	M8 Lug	JN223BS
4 Pole Switch Disconnecter Incomer Kit	M8 Lug	JN224BS
250A Direct Connection Kit	M8 Lug	JN224BD
	Max Cable Capacity	Cat ref.

Features & Benefits

- Comprises of IP3XD rated enclosure, pan assembly, twin neutral and earth bars.
- Conforms to BS EN 61439-2. $I_{nA} = 250A$, $I_{nC} = 125A$, $I_{CC} = 25kA$.
- Supplied without incoming kit, JN 250A incomer kit must be used.
- Form 3B type 2 using outgoing terminal shield (form 3A without terminal shield).

Cable Capacity Incomers & Outgoers

- Incomers: 3 and 4 pole incomers, cable capacity 150mm², max lug width 25mm, M8 bolt, direct connection kit.
- Outgoers: 1 & 3 pole MCCB 70mm² flexible, 95mm² solid.

Options

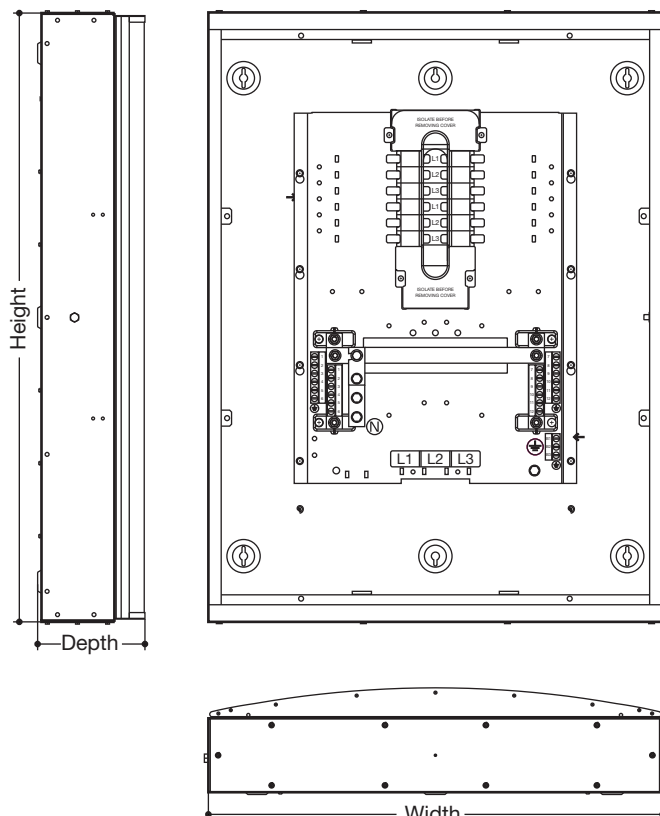
- Key lock, meter pack, DIN rail extension box, spreader box.

Outgoing MCCBs

- Adjustable thermal options on triple pole devices.

Characteristics	250A
Series	JN2**
Busbar current rating	250A
Busbar type	Type B Fully Shrouded Copper
Busbar rated short-time withstand current	25kA for 1 sec
Internal separation	Form 3A
Incoming	Up to 250A MCCB, MCS
Outgoing	16 - 125A max.
Voltage rating in AC	415V
IP Protection	IP3X
Enclosure body type	Steel
Enclosure paint type	Powder coat Grey white BS 4800 00A01
Cable entry	Via Gland Plates
Terminal Connection capacity	
Incoming earth terminal	M8
Incoming neutral terminal	M8
Outgoing earth terminals	Up to 50mm ²
Outgoing neutral terminals	Up to 50mm ²
Enclosure earth stud	M8
Installation	
Mounting	Surface (Wall)

Devices	Single & Triple Pole Fixed Thermal	Triple Pole Adjustable Thermal
MCCB x160 18kA	HDA***Z	HDA***U
MCCB x160 25kA	HHA***Z	HHA***U



Primary Boards

	Dimensions (mm)		
	Height	Width	Depth
JN204B/G	950	710	160
JN206B/G	1100	710	160
JN208B/G	1100	710	160
JN212B/G	1250	710	160
JN216B/G	1550	710	160

Terminals

Neutral	Earth	Bond
2 x 6 x 50mm	2 x 6 x 50mm	1 x 3 x 50mm
2 x 9 x 50mm	2 x 9 x 50mm	1 x 3 x 50mm
2 x 12 x 50mm	2 x 12 x 50mm	1 x 3 x 50mm
2 x 18 x 50mm	2 x 18 x 50mm	1 x 3 x 50mm
2 x 24 x 50mm	2 x 24 x 50mm	1 x 3 x 50mm

Cables outgoing ways:
25 - 50mm² CSA Flex
25 - 70mm² CSA Solid

MCCB Connections	M8
Earth	M8
Neutral	M8