

Invicta 3 Panelboard 630A / 800A

A panelboard with 630A/800A incoming and 125A/250A 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

Invicta 3 Panelboards (630A/800A Incoming 125A Outgoing)	Cat ref. Plain Door	Cat ref. Glazed Door
8 Triple Pole Ways 630A Panelboard	JF608B	JF608BG
12 Triple Pole Ways 630A/800A Panelboard	JF812B	JF812BG
18 Triple Pole Ways 630A/800A Panelboard	JF818B	JF818BG

Characteristics Invicta 3 Panelboards (630A/800A Incoming 125A Outgoing)

- Comprises of IP3XD enclosure, pan assembly, neutral bar and earth bar.
 - Conforms to BS EN 61439-2. InA = 630/800A, Inc = 125A, Icc = 50kA.
 - Supplied without incoming kit, one of the incomer kits listed must be used.
 - Form 3B type 2 using outgoing terminal shield (form 3A without terminal shield).
 - Removable gland plates are provided top and bottom for ease of installation.
 - Switch Disconnecter: 630A/800A, MCCB: 400A/630A, Direct connection: 800A.
 - Incoming cable lugged via M12 hexagonal bolt.
- Cable Capacity Incomers & Outgoers**
- **Incomers:** 400A: 2 x 240mm², 630A: 2 x 240mm² / 2 x 300mm².
 - **Outgoers:** Single pole up to 125A - 70mm² flexible, 95mm² solid, Triple pole up to 250A - 150mm² flexible.
- Outgoing MCCBs**
- Adjustable thermal options on triple pole.

Invicta 3 Panelboards (630A/800A Incoming 125A/250A Outgoing)	Cat ref. Plain Door	Cat ref. Glazed Door
6 Triple Pole Ways Panelboard (2 x 250A + 4 x 125A)	JF60204B ¹	JF60204BG ¹
8 Triple Pole Ways Panelboard (2 x 250A + 6 x 125A)	JF80206B	JF80206BG
8 Triple Pole Ways Panelboard (4 x 250A + 4 x 125A)	JF80404B	JF80404BG
12 Triple Pole Ways Panelboard (2 x 250A + 10 x 125A)	JF80210B	JF80210BG
12 Triple Pole Ways Panelboard (4 x 250A + 8 x 125A)	JF80408B	JF80408BG
18 Triple Pole Ways Panelboard (4 x 250A + 14 x 125A)	JF80414B	JF80414BG
18 Triple Pole Ways Panelboard (6 x 250A + 12 x 125A)	JF80612B	JF80612BG

¹ Max allowed incomer of 630A on this panelboard

Characteristics Invicta 3 Panelboards (630A/800A Incoming 125A/250A Outgoing)

- These boards will accept a range of MCCB frame sizes: 125A frame: 16-125A single pole/triple pole, 250A frame: 80-250A Triple pole only
- InA = 630/800A, Inc = 250A, Icc = 50kA.

Technical Characteristics

Series	JF6** / JF8**
Busbar current rating 250A	800A
Busbar type	Type B Fully Shrouded Copper
Busbar rated short-time withstand current	35kA for 1 sec
Internal separation	Form 3A
Incoming	Up to 630A MCCB, 800A LBS
Outgoing	16 - 125A 100A - 250A
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	M10
Incoming neutral terminal	M12
Outgoing earth terminals	Up to 50mm ²
Outgoing neutral terminals	16A - 125A: up to 50mm ² 100A - 250A: M8 Stud
Enclosure earth stud	M10

Installation

Mounting	Surface (Wall)
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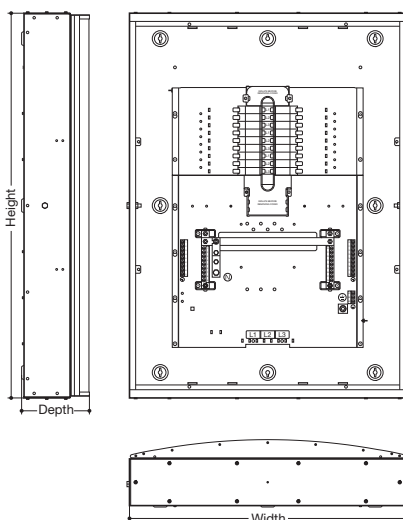
Devices	Single Pole Fixed Thermal	Triple Pole Adjustable Thermal
MCCB 18kA	HDA***Z	HDA***U
MCCB 25kA	HHA***Z	HHA***U
MCCB 40kA		HNB***H

Accessories

	Cat ref.
Locking Kit for Incoming Device (All Ratings)	HXD039H
Allen Key Set	JF296A
Key Lock with One Key	JK222PK
x125 Frame 1 Pole Blank (3x blanks required per triple pole)	JN001BP
Outgoer Locking Kit (fits to toggle for up to 3 padlocks max ø 8mm ²)	HXA039H
Terminal Cover x160 1 Pole Long	HYA029H
Terminal Cover x160 3 Pole Long	HYA021H

Description	Max cable capacity	Cat ref.
4 Pole 400A Load Break Switch 25kA	M10 Lug	JF844BSW
4 Pole 630A Load Break Switch 25kA	M12 Lug	JF864BSW
4 Pole 800A Load Break Switch	M12 Lug	*800LBS
800A Direct Connection Kit 4 Pole	M12 Lug	JF884BD
3 Pole 400A MCCB Incomer Kit 50kA Electronic LSI MCCB, I _r adjustable 0.4 – 1.0 x I _n	M12 Lug	JF843BM
4 Pole 400A MCCB Incomer Kit Electronic LSI MCCB, I _r adjustable 0.4 – 1.0 x I _n	M12 Lug	JF844BM
3 Pole 630A MCCB Incomer Kit 50kA Electronic LSI MCCB, I _r adjustable 0.4 – 1.0 x I _n	M12 Lug	JF863BM
4 Pole 630A MCCB Incomer Kit 50kA Electronic LSI MCCB, I _r adjustable 0.4 – 1.0 x I _n	M12 Lug	JF864BM

* Select the required 630A/800A rated panelboard (e.g. **JF80206BG**) and add the suffix **800LBS** e.g. **JF80206BG800LBS**



Primary Board

	Dimensions (mm)		
	Height	Width	Depth
JF60204B/G	1250	900	220
JF80206B/G	1250	900	220
JF80404B/G	1250	900	220
JF80210B/G	1400	900	220
JF80408B/G	1400	900	220
JF80414B/G	1700	900	220
JF80612B/G	1700	900	220