

Invicta 3 Panelboard System (630A / 800A Rated) 630A / 800A Incoming 125 / 250A Outgoing



Specification

Complies with BS EN 61439-2.
Enclosure degree of protection:
IP3X
Internal separation.
Form 3A.
8, 12, 18 TP outgoing ways.
Form 3B type 2 is achieved using
the outgoing terminal shield.

Construction

Enclosure manufactured from
1.2/1.5mm DC01M cold reduced
mild steel, phosphate pretreated
and powder coated to 00A01
BS4800.

Removable gland plates are
provided top and bottom for
ease of installation.

The removal of the gland plates
and cable spreader also allows
the mounting of DIN rail
extension boxes and meter
packs.

Incomers

Switch Disconnecter 630A/800A.
MCCB 400A/630A.
Direct connection 800A.
M12 hexagonal bolt.

Busbar Ratings

Busbar rated current: 800A
Busbar rated short time
withstand current 35kA for
1x direct connection
(unconditional).

Outgoing MCCBs

Single pole up to 125A - 70mm²
flexible.
Single pole up to 125A - 95mm²
solid.
Triple pole up to 250A -150mm²
flexible.

Incomers cable capacity
400A – 2 x 240mm²
630A – 2 x 240mm² / 2 x 300mm²

For dimensions see page 3.48.



JF608B

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

¹ Max allowed incomer of 630A
on this panelboard

Description	Cat ref. Plain door	Cat ref. Glazed door
8 Way	JF608B ¹	JF608BG ¹
12 Way	JF812B	JF812BG
18 Way	JF818B	JF818BG



JF60204B

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

These boards will accept a range
of MCCB frame sizes:

- 125A frame: 16-125A SP/TP
- 250A frame: 80-250A TP only

² Max allowed incomer of 630A
on this panelboard

Description	Cat ref. Plain door	Cat ref. Glazed door
6 Way (2 x 250A ¹ + 4 x 125A ²)	JF60204B ²	JF60204BG ²
8 Way (2 x 250A ¹ + 6 x 125A ²)	JF80206B	JF80206BG
8 Way (4 x 250A ¹ + 4 x 125A ²)	JF80404B	JF80404BG
12 Way (2 x 250A ¹ + 10 x 125A ²)	JF80210B	JF80210BG
12 Way (4 x 250A ¹ + 8 x 125A ²)	JF80408B	JF80408BG
18 Way (4 x 250A ¹ + 14 x 125A ²)	JF80414B	JF80414BG
18 Way (6 x 250A ¹ + 12 x 125A ²)	JF80612B	JF80612BG

Incomer Kits

³ A 300mm cable spreader
box (JF805E) is required for all
incomer kits (see page 3.25).

⁴ Select the required 800A
rated panelboard 50kA(e.g.
JF80206BG) and add the suffix
800LBS e.g. JF80206BG800LBS

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