

# Invicta 3 125A TP&N Distribution Boards

A range of Type B TPN Distribution boards with high aesthetics ideal for commercial offices, healthcare and education projects where the boards may be sited in public areas.

Conforming the BS EN 61439-3, the Invicta boards are available with glazed or solid steel doors to suit installation requirements. A wide range of incoming options create a versatile solution. Metering and surge protection options ensure efficient integration in to the buildings electrical supply model. A 250A TP&N board range is also available for higher load applications.



Description	Cat ref. Plain door	Cat ref. Glazed door	Cat ref. Residential Applications
4 Triple Pole Ways 125A TP&N Board	JK104B <sup>1</sup>	JK104BG <sup>1</sup>	JK104BA3 <sup>2</sup>
6 Triple Pole Ways 125A TP&N Board	JK106B <sup>1</sup>	JK106BG <sup>1</sup>	JK106BA3 <sup>2</sup>
8 Triple Pole Ways 125A TP&N Board	JK108B <sup>1</sup>	JK108BG <sup>1</sup>	JK108BA3 <sup>2</sup>
12 Triple Pole Ways 125A TP&N Board	JK112B	JK112BG	JK112BA3 <sup>2</sup>
16 Triple Pole Ways 125A TP&N Board	JK116B	JK116BG	JK116BA3 <sup>2</sup>
18 Triple Pole Ways 125A TP&N Board	JK118B	JK118BG	JK118BA3 <sup>2</sup>
24 Triple Pole Ways 125A TP&N Board	JK124B	JK124BG	JK124BA3 <sup>2</sup>
<b>Incomer Kits for 125A Boards</b>			<b>Cat Ref.</b>
3 Pole 100A Switch Disconnecter Incomer Kit (Fits within distribution board)			JK11003S
4 Pole 100A Switch Disconnecter Incomer Kit (Fits within distribution board)			JK11004S
3 Pole 125A Switch Disconnecter Incomer Kit (Fits within distribution board)			JK11253S
4 Pole 125A Switch Disconnecter Incomer Kit (Fits within distribution board)			JK11254S
4 Pole 63A Contactor Incomer Kit includes Switch Disconnecter (fits below distribution board, 300mm high)			JK10634C
4 Pole 100A Contactor Incomer Kit includes Switch Disconnecter (fits below distribution board, 450mm high)			JK11004C
125A Direct Connection Kit (Fits within distribution board)			JK11254D
4 Pole 63A 30mA RCCB Incomer Kit (Fits within distribution board)			JK10634RH
4 Pole 100A 30mA RCCB Incomer Kit (Fits within distribution board)			JK11004RH
4 Pole 100A 300mA RCCB Incomer Kit (Fits within distribution board)			JK11004RL
4 Pole 100A 300mA Time Delayed RCCB Incomer Kit (Fits within distribution board)			JK11004RLD
4 Pole 100A 100mA RCCB Incomer Kit (Fits within distribution board)			JK11004RM
4 Pole 100A 100mA Time Delayed RCCB Incomer Kit (Fits within distribution board)			JK11004RMD
125A 4 pole Changeover Incomer Kit (Fits within distribution board)			JK11254CO

## Features & Benefits

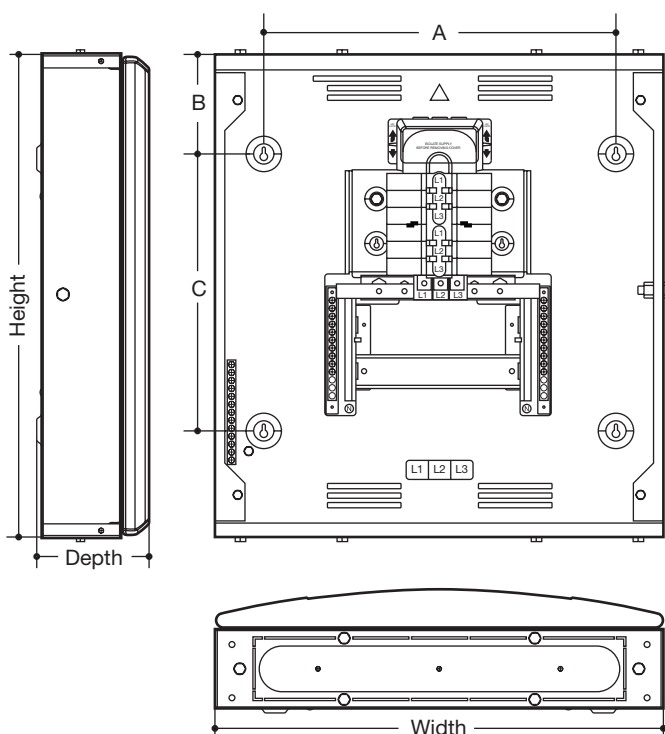
- High aesthetic glazed door option for siting in public areas
- Range of incomer options suitable for a wide range of building applications
- Door locking kit with key for additional security
- Meter and surge protection options to meet application needs.
- Part of a wider range of Distribution boards
- Comprehensive solution for commercial building applications including 250A, Power & Lighting boards and Hybrid Distribution board

### Technical Characteristics

Standards	Designed, manufactured and tested to BS EN 61439-3
Busbar Current Rating	125A
Busbar Type	Fully shrouded copper
Busbar Rating	25kA Conditional
Incoming	100A Switch 125A Switch 63A Contactor AC3 100A Contactor AC3 Direct Connection RCCB Incomers
Outgoing Ways	4, 6, 8, 12, 16, 18, 24 Triple pole outgoing ways
Outgoing Protection	Type B MCB (6A to 63A, 1P & 3P) Type C, D MCB, (0.5A to 63A, 1P & 3P) 1Mod and 2Mod RCBO
Voltage Rating in AC	230 / 415V
IP Protection	IP3X to BS EN 60529
Enclosure Body Type	Steel
Enclosure Paint Type	Powder Coat Grey White BS4800 00A01
Cable Entry	Obround protected cable entry points
Terminal Connection Capacity	
Incoming Line Terminal	50mm <sup>2</sup>
Incoming Earth Terminal	M8 stud
Incoming Neutral Terminal	50mm <sup>2</sup> cage or M6 stud
Outgoing Earth Terminals	16mm <sup>2</sup>
Outgoing Neutral Terminals	16mm <sup>2</sup>
Enclosure Earth Stud	M8
Installation	
Mounting	4 x key hole fixing holes plus central top key hole for one fixing hanging / levelling Surface Wall Mount
Gland Plate	Top and bottom removable
Integrated Locking System	Coin lock as standard, key lock as accessory

### Devices

MCB 10kA 0.5A to 63A	NBN***	NCN***	NDN***		
RCBO 10kA 6A to 45A	ADB***	ADC***	ADA1**	ACB***	ACC***
MCB 10kA / 15kA 80A to 125A	HMC***	HMD***			



### 125A Primary Boards

	Dimensions (mm)			Fixing Centres (mm)		
	Height	Width	Depth	A	B	C
JK104B/BG/A3	500	465	132.5	365	100	300
JK106B/BG/A3	550	465	132.5	365	100	350
JK108B/BG/A3	625	465	132.5	365	100	425
JK112B/BG/A3	850	465	132.5	365	100	650
JK116B/BG/A3	950	465	132.5	365	100	750
JK118B/BG/A3	1100	465	132.5	365	100	900
JK124B/BG/A3	1250	465	132.5	365	100	1050