Invicta 3 250A
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 125A TP&N board range is also available for smaller load applications.

Description	Cat ref. Plain door	Cat ref. Glazed door	Cat ref. Residential Applications
8 Triple Pole Ways 250A TP&N Board	JK208B	JK208BG	JK208BA3
12 Triple Pole Ways 250A TP&N Board	JK212B	JK212BG	JK212BA3
16 Triple Pole Ways 250A TP&N Board	JK216B	JK216BG	JK216BA3
18 Triple Pole Ways 250A TP&N Board	JK218B	JK218BG	JK218BA3
24 Triple Pole Ways 250A TP&N Board	JK224B	JK224BG	JK224BA3

Incomer Kits for 250A Boards	Cat Ref.
3 Pole 250A MCCB Incomer Kit (Fits within distribution board)	JK22503M
4 Pole 250A MCCB Incomer Kit (Fits within distribution board)	JK22504M
3 Pole 250A Switch Disconnector Incomer Kit (Fits within distribution board)	JK22503S
4 Pole 250A Switch Disconnector Incomer Kit (Fits within distribution board)	JK22504MCS
4 Pole 250A Direct Connection Kit (Fits within distribution board) *NOTE: Surge protection kits can NOT be installed inside the enclosure when using this kit	JK22504D
4 Pole 160A Contactor Incomer Kit includes Switch Disconnector (Fits below distribution board, 450mm high)	JK21604C
3 Pole 125A MCCB Incomer Kit (Fits within distribution board)	JK21253M
4 Pole 125A MCCB Incomer Kit (Fits within distribution board)	JK21254M

Surge Protection Kits for 250A Boards (including 200A Tri-Metered board)	Cat Ref.
Type 1 & 2 Surge Protection Kit for 250A TP&N Boards	JK201SPD
Type 2 Surge Protection Kit for 250A TP&N Boards	JK202SPD

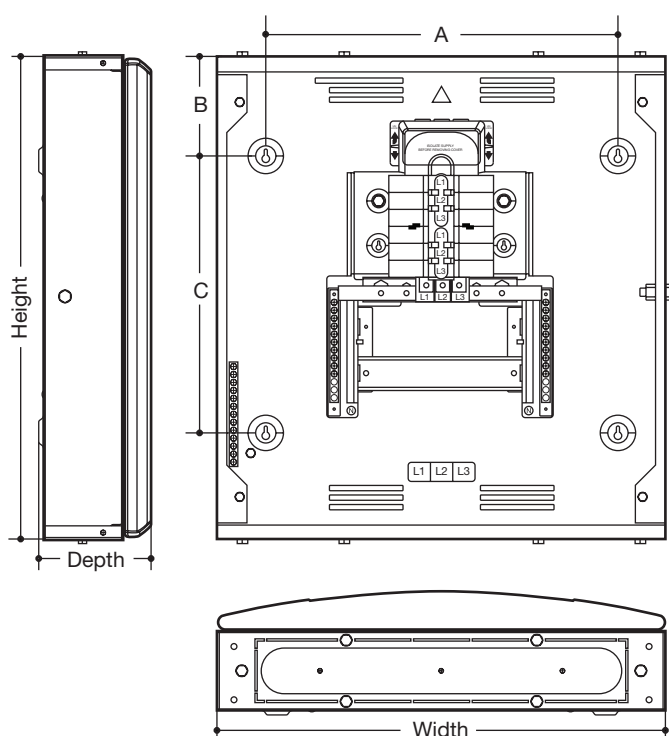| Single Meter Packs for 250A Boards	Cat Ref.
MID Multifunction Meter Kit 250A Modbus	JK240MID
MID Meter Pack 250A in extension box enclosure. Required for JK20220* Distribution boards only 300mm high	JKD2250MID

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 125A, Power & Lighting boards and Hybrid Distribution board

Technical Characteristics

Standards	Designed, manufactured and tested to BS EN 61439-3
Busbar Current Rating	250A
Busbar Type	Fully shrouded copper
Busbar Rating	25kA Conditional
Incoming	250A 3 or 4 Pole Switch Disconnector 125A 3 or 4 Pole Switch Disconnector 250A 3 or 4 Pole MCCB 160A Contactor AC3 Direct Connection RCCB Incomers
Outgoing Ways	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	25mm M8 Wide lug connection, 120mm Max Cable
Incoming Earth Terminal	M8 stud
Incoming Neutral Terminal	50mm² cage or M6 stud
Outgoing Earth Terminals	16mm²
Outgoing Neutral Terminals	16mm²
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***			

250A Primary Boards

	Dimensions (mm)			Fixing Centres (mm)		
	Height	Width	Depth	A	B	C
JK208B/BG/A3	950	465	165.5	365	100	750
JK212B/BG/A3	1100	465	165.5	365	100	900
JK216B/BG/A3	1250	465	165.5	365	100	1050
JK218B/BG/A3	1400	465	165.5	365	100	1200
JK224B/BG/A3	1550	465	165.5	365	100	1350