

Panelboard Range

Our invicta Panelboards are designed to suit large home, light commercial or retail applications. The range comes fitted with 2 x 8 poles of DIN space and offers split N & E links for ease of cabling, a reversible door and optional MCB incomer link kit. These features make it the benchmark for multi-usage panelboards.



02

Page

invicta Panelboards	23
Technical Information	24

Panelboard Solutions

invicta Panelboards



Developed as an optimised solution for small to medium commercial installations and large home projects. Available in 24, 36, 48, 60 and 72 pole.

onekombo ADC9xxT, MSNxxxx, MDNxxxx



Our onekombo RCBO range offers a breaking capacity of 6kA, are type A rated and can be swiftly mounted with all other modular protection devices in invicta panelboards.

Features

- Available in 24, 36, 48, 60 & 72 poles
- 1.2mm tough powdercoated galvanised steel construction
- Powdercoated RAL7035 (light grey)
- IP30
- Complete with either a 160A or 250A main isolator switch prefitted
- Split earth and neutral links for easy cabling
- Fully type tested chassis
- 2 x 8 pole DIN space each side of main incomer
- Lockable door (CL001)
- Safety pole fillers remain with chassis when escutcheon is removed
- Circuit identification card
- Positive MCB alignment system

Technical information: [Page 68](#)

invicta Panelboards

Description	Characteristics	Cat. ref
With 160A main switch	24 pole chassis	JVC2400S16TW
	36 pole chassis	JVC3600S16TW
	48 pole chassis	JVC4800S16TW
	60 pole chassis	JVC6000S16TW
	72 pole chassis	JVC7200S16TW
With 250A main switch	24 pole chassis	JVC2400S25TW
	36 pole chassis	JVC3600S25TW
	48 pole chassis	JVC4800S25TW
	60 pole chassis	JVC6000S25TW
	72 pole chassis	JVC7200S25TW



JVC2400S16TW

Extension Boxes

Description	Characteristics	Cat. ref
Supplied without gland plates. Gland plates only required if mounting as a stand alone.	2 row 18 DIN	JVC0EXTDW



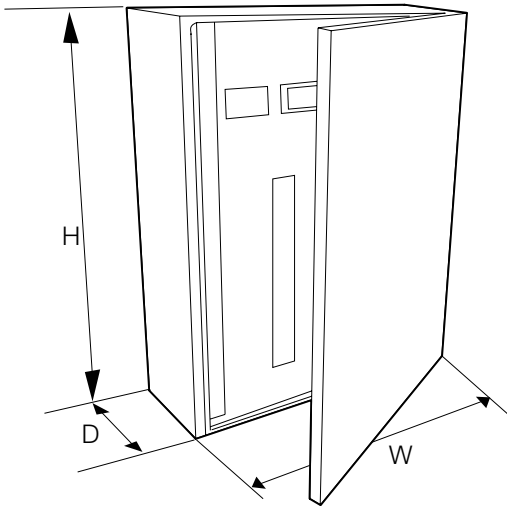
JVC0EXTDW

Accessories

Description	Characteristics	Width	Cat. ref
Incomer link kit	For 3Ø 80-125A MCB	4.5mod	JVC0M12
	For 3Ø up to 63A MCB	3 mod	JVC0M06
MEN kit			JVC0MEN
Gland plates			JVC0GPL
Safety pole fillers (10PK)			JVC0PFL
1 mod pole fillers (10PK)			JP012
Door lock and key (CL604)			JVCL604
Door lock and key (CL001)			JVC0LCK
Door lock and key (92268)			JVC92268
Spare keys (CL001)	2 keys		JVC0LSK
Document holder			JK2X007AU



JVC0M12



Enclosure dimensions (mm)		H	W	D
invicta	JVC2400xxxTW	800	480	135
panelboard	JVC3600xxxTW	900	480	135
	JVC4800xxxTW	1000	480	135
	JVC6000xxxTW	1128	480	135
	JVC7200xxxTW	1235	480	135
Extension box	JVC0EXTDW	350	480	135

Enclosure

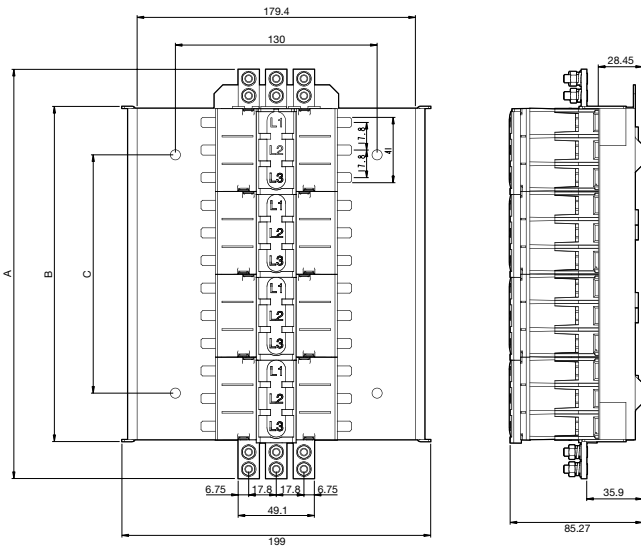
Material	1.2mm galvanised steel
Powdercoat	Ripple finish RAL7035 (light grey)

Mechanical

IP rating	IP30	
Split earth and neutral bars	Earth bars	12mm x 9mm
	Neutral bars	12mm x 9mm
	Single screw tunnel	7mm diameter (25mm ² cable)
	Rating	250A

Connections

Main earth & neutral incomer	M10 bolt (30-44Nm max. torque)
160A isolator	M8 bolt (30-44Nm max. torque)
250A isolator	M8 bolt (30-44Nm max. torque)



Standard chassis

Dimensions (mm)	A	B	C
JVC2400xxxTW	263.7	216	153.6
JVC3600xxxTW	370.7	322.8	130.2
JVC4800xxxTW	477.7	429.6	183.6
JVC6000xxxTW			
JVC7200xxxTW			

Chassis Type	Standard Chassis
Compatible product series	MSNxxx and MDNxxx MCBs, 6kA, 6-63A, Type C and ADC9xT RCBOs, 6kA, 6-32A, Type C, Add-On Block
Rated current (InA)	250A
Rated voltage (Un)	250V
Rated operational Voltage (Ue)	415V, 50Hz
Rated Insulation Voltage (Ui)	690V
Rated Impulse voltage (Uimp)	4kV
Rated short circuit capability	20kA, 0.2sec 40kA, peak
Rated short circuit withstand current of main busbar Icw,	20kA rms, 40kA peak, 200ms
Tee-Off Direction	Left / Right
Split Chassis	No
Tee-Off Isolator	Yes
Capped Tee-Offs	50 %
Split-In Field	No
Number of Poles, 18mm Pitch	From 24 to 48, 18mm Pitch
Output Phases	3P
IP rating	IP2x

invicta panelboard



Optimised solution

More possibilities

Developed as an optimised solution for small to medium commercial installations and large home projects. invicta is available in 24, 36, 48, 60 and 72 Poles.

For complete protection against touching live parts once energised, safety caps and safety pole fillers (which remain with chassis after the removal of escutcheon) are also provided.