CONTACTUM

Defender B Board



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Make The Switch

Defender B Board

1.2mm Electro Galvanised Sheet Steel

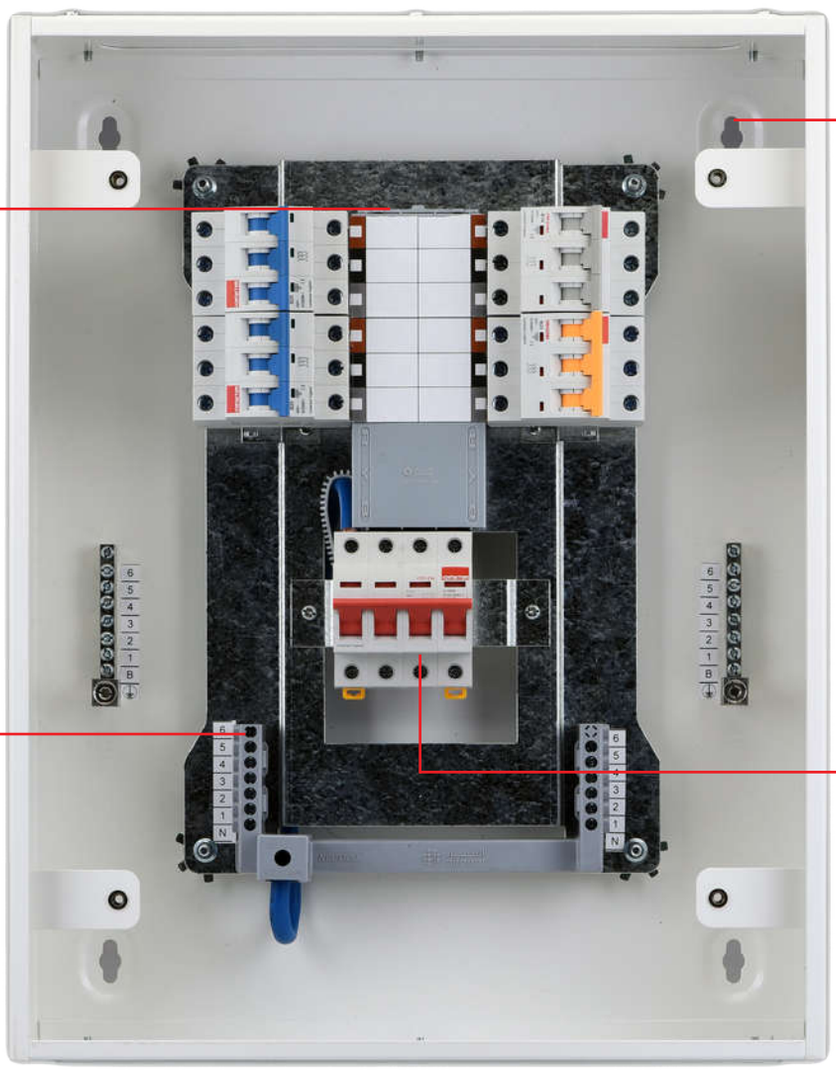
Tested to BS EN61439-3

Busbar Short Time Withstand Rating Icw 20kA 0.25s

Tested at 35°C Ambient

Tin Plated Busbar, Improved Connection, Prevention of Copper Oxidisation

Fully Shrouded Neutral Terminals



1.2mm Gland Plates, Top & Bottom

Keyhole Fixing Points

Polyester Powder Coated In RAL-9016 Textured Finish

IP4X With Door And DFC Fitted

IP2X With All Devices And Blanks Fitted With Covers Off

Spacious Enclosure For Easy Wiring

Factory Fitted 125A 4 Pole Isolator Provides Facility For Disconnectable Neutral

Defender B Board Type DDB

Tested to **BS EN 61439-3**

Defender B Board





Features

- 4 to 16 Triple pole ways
- Removable pan assembly
- RAL 9016 textured finish
- 4 pole 125A isolator
- Enclosure IP 4X
- Door locking feature
- 125A busbar
- Tin plated copper busbar
- Removable top & bottom gland plates.

Technical Data

Compliance standard	IEC 61439-3
Product colour	RAL 9016 textured, powder coated polyester
No of outgoing triple pole ways	4,6,8,12,16
Mounting type	Surface

Environmental

IP rating BS EN 60529	IP 4X
Pollution degree	3
Installation location	Inside
Average ambient temperature	35˚C
Operating temperature ranger	(-5˚C to 40˚C)
Altitude	Up to 2000m (no derating)

Electrical Characteristics

Electrical supply type	3 phase AC
Maximum operating voltage	415 VAC
Supply frequency	50 Hz
Busbar rating: maximum rating	125A
Rated short time withstand current (Icw)	20kA - 0.25s
Rated impulse withstand voltage (Uimp)	4kV
Incoming isolator	4 pole (3 phase and neutral)

Mechanical Characteristics

Enclosure	1.2 mm galvanised steel
Busbar	Tin plated ETP Cu (2 layers)
Neutral terminals: shrouded	Brass tin plated
Earth terminals	Brass tin plated
Door latch, with key	Metallic

B Boards - IEC Compliant Distribution Board (IEC 61439)



TP & N Distribution Boards c/w 125A - 4 Pole Isolator

DDB125FI404	4 Way c/w 125A 4P Isolator Type B Board	532 x 415 x 120mm
DDB125FI406	6 Way c/w 125A 4P Isolator Type B Board	586 x 415 x 120mm
DDB125FI408	8 Way c/w 125A 4P Isolator Type B Board	640 x 415 x 120mm
DDB125FI412	12 Way c/w 125A 4P Isolator Type B Board	748 x 415 x 120mm
DDB125FI416	16 Way c/w 125A 4P Isolator Type B Board	856 x 415 x 120mm

Note: All boards are rated at 125A

Single Pole MCB Devices 10kA IEC 60898



B Type	C Type	D Type		
CPB1006B	**CPB1006C**	**CPB1006D**		6A 10kA SP
CPB1010B	**CPB1010C**	**CPB1010D**		10A 10kA SP
CPB1016B	**CPB1016C**	**CPB1016D**		16A 10kA SP
CPB1020B	**CPB1020C**	**CPB1020D**		20A 10kA SP
CPB1025B	**CPB1025C**	**CPB1025D**		25A 10kA SP
CPB1032B	**CPB1032C**	**CPB1032D**		32A 10kA SP
CPB1040B	**CPB1040C**	**CPB1040D**		40A 10kA SP
CPB1050B	**CPB1050C**	**CPB1050D**		50A 10kA SP
CPB1063B	**CPB1063C**	**CPB1063D**		63A 10kA SP

Triple Pole MCB Devices 10kA IEC 60898



B Type	C Type	D Type		
CPB1006B3	**CPB1006C3**	**CPB1006D3**		6A 10kA TP
CPB1010B3	**CPB1010C3**	**CPB1010D3**		10A 10kA TP
CPB1016B3	**CPB1016C3**	**CPB1016D3**		16A 10kA TP
CPB1020B3	**CPB1020C3**	**CPB1020D3**		20A 10kA TP
CPB1025B3	**CPB1025C3**	**CPB1025D3**		25A 10kA TP
CPB1032B3	**CPB1032C3**	**CPB1032D3**		32A 10kA TP
CPB1040B3	**CPB1040C3**	**CPB1040D3**		40A 10kA TP
CPB1050B3	**CPB1050C3**	**CPB1050D3**		50A 10kA TP
CPB1063B3	**CPB1063C3**	**CPB1063D3**		63A 10kA TP

RCBO Devices 30mA 10KA IEC/EN 61009



B Type	C Type	
CPBR1006B	**CPBR1006C**	6A 30mA 10kA SP RCBO
CPBR1010B	**CPBR1010C**	10A 30mA 10kA SP RCBO
CPBR1016B	**CPBR1016C**	16A 30mA 10kA SP RCBO
CPBR1020B	**CPBR1020C**	20A 30mA 10kA SP RCBO
CPBR1025B	**CPBR1025C**	25A 30mA 10kA SP RCBO
CPBR1032B	**CPBR1032C**	32A 30mA 10kA SP RCBO
CPBR1040B	**CPBR1040C**	40A 30mA 10kA SP RCBO
CPBR1050B	**CPBR1050C**	50A 30mA 10kA SP RCBO

Accessories



Blank & Locking Device

CPA10	MCB/RCBO Toggle Locking Device
CPBM1	Type DDB MCB Blank



CONTACTUM - Manufacturing in the UK Since 1936

For over 80 years Contactum has been manufacturing and designing switches, sockets, circuit protection and LV distribution and control products; it remains as one of the few who still manufacture in the UK.

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T: 020 8208 7419







CONTACTUM

Contactum Ltd, Victoria House, 2 Blackmoor Lane,
Croxley Green, Watford WD18 8GA
T: 020 8208 7419 E: sales@contactum.co.uk www.contactum.co.uk

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