

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

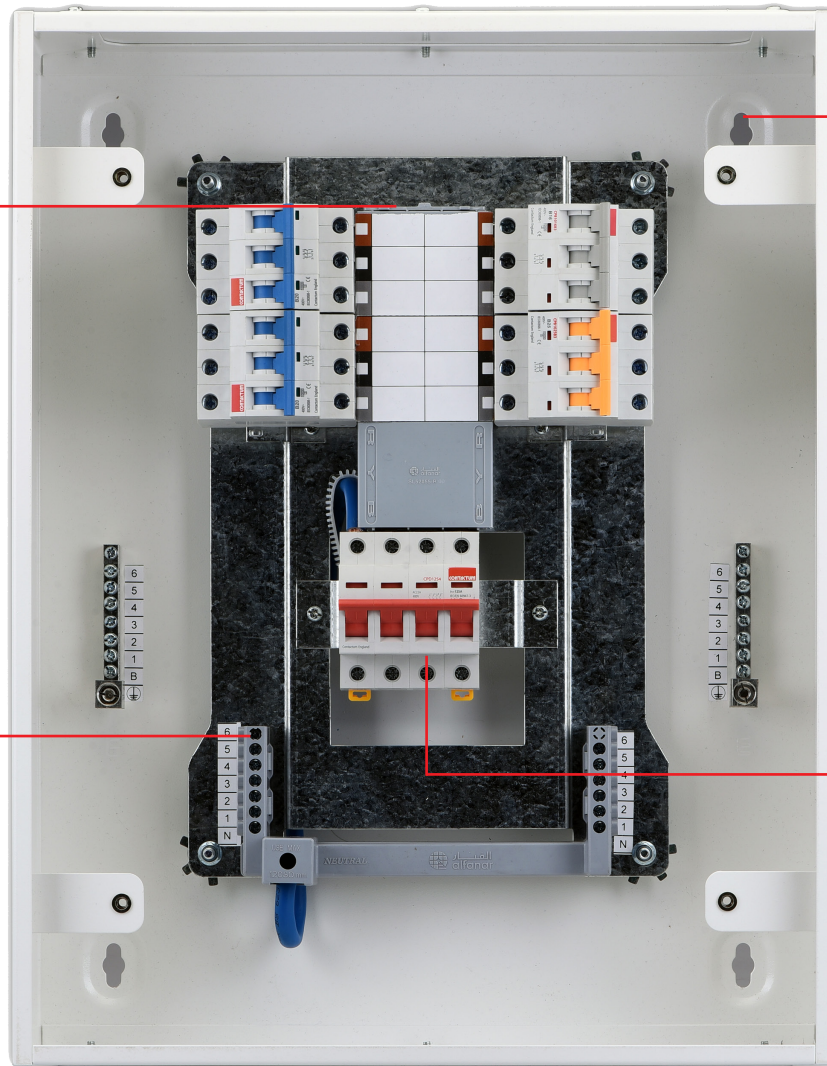
Polyester Powder Coated In RAL-9016 Textured Finish

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

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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

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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

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

C Type

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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