

Three Phase & Neutral metal distribution boards are manufactured to our own design.

All the boards use the same 250A rated modular insulated pan assembly for quick fitting of outgoing devices. All outgoing terminals have a protecting shroud which is removed when devices are fitted.

Designed to meet BSEN60439, the IP41 boards are manufactured from 1.2mm cold reduced mild steel, phosphate pre-treated and powder coated to RAL7035. Removable gland plates top and bottom ease the installation. The hinged and quarter turn lockable door provides protection for the modular devices.

- Isolator Versions**
 - 100amp 4 pole
 - 125amp 4 pole
 - 200amp 3 pole
- RCD Versions**
 - 100amp 4 pole 100mA or 300mA
 - 125amp 4 pole 100mA or 300mA
- Cable capacity of in-coming kits**
 - 100amp -- 1.5 - 50mm²
 - 125amp -- 1.5 - 50mm²
 - 200amp -- 6.0 - 70mm²



Circuit Protection

The three phase distribution boards are supplied complete with a pan assembly, which will accept our quality range of both 6kA and 10kA MCB's. The earth and neutral terminals are also fitted. The distribution board is supplied without the incoming kit which should be selected from the list below. Extension boxes are also available to assist in cable management. When fitted to the board the available height is extended by about 200mm. In addition there is a metering box which has a gland plate and a glazed door for viewing. It also has a din rail section for mounting meters, contactors etc.

TP+N Distribution Boards

Total TP&N Ways	Maximum Ratings	Reference
4	200A	DTPN 4
6	200A	DTPN 6
8	200A	DTPN 8
12	200A	DTPN 12
16	200A	DTPN 16
24	200A	DTPN 24

In-Coming Kits

Isolator Kit Module	Poles	Amps	Reference
4	4	100	DTPKIT100
4	4	125	DTPKIT125
4	3	200	DTPKIT200

RCD Kit Module	Poles	Amps	Sensitivity	Reference
4	4	100	100mA	D4K100/100
4	4	100	300mA	D4K100/300
4	4	125	100mA	D4K125/100
4	4	125	300mA	D4K125/300

RCD Kits are also available with time delay feature

The illustration far right shows the terminal shrouds supplied but the top two shrouds have been removed.

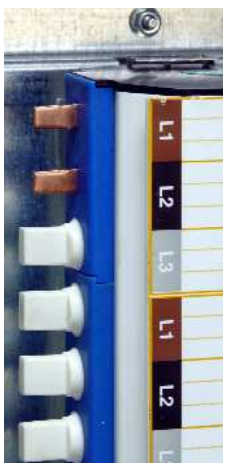
Accessories

Item	Suitable for	Reference
Spreader Box	DTPN4 -24	DTPNEX1
Metering Box	DTPN4 -24	DTPNEX2

For board dimensions see page 46.



Components of IN-COMING KITS



Doepke **TECHNICAL SPECIFICATIONS**

Insulated Consumer Units				Dimensions (mm)			Enclosures	
Reference				Height	Width	Depth	Reference	
DC 4	DCR 4			205	150	100	DE 6	
DC 8	DCR 8	DC 6SL		205	220	100	DE 10	
DC 12	DCR 12	DC 10SL	DC 08SL	205	290	100	DE 14	
DC16	DCR 16	DC 14SL	DC 12SL	205	360	100	DE 18	

Our insulated consumer units are manufactured from high impact, flame retardent, ABS material, coloured magnolia. The removeable transparant hinged cover is manufactured from polycarbonate to protect the modular devices. The easy to remove cable knockout entries are on the top, bottom and at the rear of the enclosure. The range has been designed to comply with BSEN 60439-3.

IP55 - Insulated Consumer Units				Dimensions (mm)			Enclosures	
Reference				Height	Width	Depth	Reference	
DC 2	DCR 2			194	123	105	DIMEF 4	
DC 6	DCR 6			194	194	105	DIMEF 8	
DC 10	DCR 10	DC 8SL		259	274	138	DIMEF 12	
DC 16	DCR 16	DC 14SL	DC 12SL	259	372	138	DIMEF 18	
		DC 20SL	DC 18SL	384	274	138	DIMEF 24	
		DC 32SL	DC 30SL	409	372	138	DIMEF 36	

Metal Consumer Units				Dimensions (mm)			Enclosures	
Reference				Height	Width	Depth	Reference	
DCM 4	DCMR 4			186	165	105	DME 6	
DCM 8	DCMR 8	DCM 6SL		186	254	105	DME 10	
DCM 12	DCMR 12	DCM 10SL	DCM 08SL	186	307	105	DME 14	
DCM 16	DCMR 16	DCM 14SL	DCM 12SL	186	396	105	DME 18	
DCM 22	DCMR 22	DCM 20SL		186	510	105	DME 24	

The metal consumer unit range is manufactured from 1mm CR4 cold reduced mild steel, phosphate pre-treated and powder coated to RAL 7035. Cable knockouts are provided on the top, bottom and rear faces. The hinged metal cover is held in the closed position by a magnet. The range has been designed to comply with BSEN 60439-3.

TP+N Distribution Boards 200			
Reference	Height	Width	Depth
DTPN 4	569	420	140
DTPN 6	569	420	140
DTPN 8	730	420	140
DTPN 12	730	420	140
DTPN 16	1053	420	140
DTPN 24	1053	420	140
DTPNEX1	200	420	140

The 200amp range of three phase and neutral distribution boards are manufactured from 1.2mm CR4 cold reduced mild steel, phosphate pre-treated and powder coated to RAL 7035. Removeable gland plates top and bottom are in 2mm steel and allows simple mounting of both extension and spreader boxes. The hinged and lockable door provides protection for the modular devices. The 200amp copper busbar requires one of our incoming kits to complete the distribution board. Complies with BSEN 60439-1+3.

