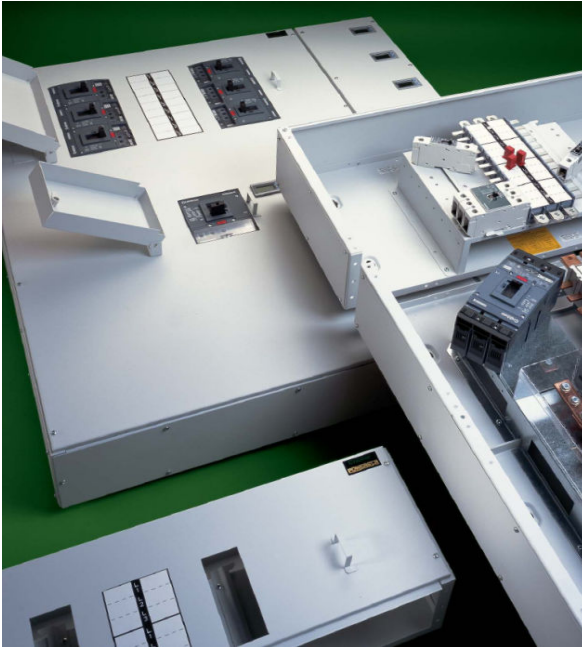


## Technical Information

### Powerstar 250 MCCB Panel Board (630A Incomer)



#### Overview:

#### System

- Incoming Rating 630A
- Maximum Outgoing Circuit 125A
- Integral Metering Options
- Degree of Protection: IP3X
- Form 3b Type 2 to BS EN 61439-2
- Designed and Manufactured in the UK

#### Devices

- Crabtree 7T2 & GG-Frame MCCBs
- Siemens technology
- 15A – 250A Current Rating
- SP & TP variants

#### Features:

- User Defined Incoming Options
  - 400A & 630A TP & 4P TM MCCB (2 x150mm<sup>2</sup>)
  - 400 & 630A TP & 4P Switch Disconnecter (2 x 150mm<sup>2</sup>)
- Busbar Ratings
  - 630A @ 50kA for 1s
- Lightning & Surge Arrestor Kits
- Main Units accommodate outgoing T2-Frame MCCBs up to 250A max rating
- Add-On units accommodate outgoing GG-Frame MCCBs up to 125A max rating or T2-Frame MCCBs up to 250A
- Add-on and Integral Metering Options including MID
- Cableways
- Meterways
- Boards fitted with incoming switch unit. User selection of OCR module
- OCR module with adjustable OC & SC protection
- Paint Finish Grey Powder Coat to RAL7035
- Manufactured from 1.6mm gauge steel
- Compliance with BS EN60439-3

#### Dimensions:

Main Units				
No. of Ways	Height	Width	Depth	Part No.
2 (with TP Sw Unit)	1055mm	900mm	250mm	173T2632
4 (with TP Sw Unit)	1160mm	900mm	250mm	173T2634
6 (with TP Sw Unit)	1265mm	900mm	250mm	173T2636
2 (with 4P Sw Unit)	1055mm	900mm	250mm	174T2632
4 (with 4P Sw Unit)	1160mm	900mm	250mm	174T2634
6 (with 4P Sw Unit)	1265mm	900mm	250mm	174T2636

<b>Add-On Units</b>				
<b>No. of Ways</b>	<b>Height</b>	<b>Width</b>	<b>Depth</b>	<b>Part No.</b>
4 (GG-Frame)	267mm	900mm	250mm	17GG634A
8 (GG-Frame)	425mm	900mm	250mm	17GG638A
12 (GG-Frame)	583mm	900mm	250mm	17GG6312A
8 (T2-Frame)	583mm	900mm	250mm	17T2638A

<b>Cableways - Main Units</b>				
<b>No. of Ways</b>	<b>Height</b>	<b>Width</b>	<b>Depth</b>	<b>Part No.</b>
2 (Standard)	1055mm	250mm	250mm	17T22CW
4 (Standard)	1160mm	250mm	250mm	17T24CW
6 (Standard)	1265mm	250mm	250mm	17T26CW
2 (with Meter knock-out)	1055mm	400mm	250mm	17T22CWM
4 (with Meter knock-out)	1160mm	400mm	250mm	17T24CWM
6 (with Meter knock-out)	1265mm	400mm	250mm	17T26CWM

<b>Cableways – Add-On Units</b>				
<b>No. of Ways</b>	<b>Height</b>	<b>Width</b>	<b>Depth</b>	<b>Part No.</b>
4 (Standard GG-Frame)	267mm	250mm	250mm	17GG4CWA
8 (Standard GG-Frame)	425mm	250mm	250mm	17GG8CWA
8 (Standard T2-Frame)	583mm	250mm	250mm	17GG12CWA
12 (Standard GG-Frame)	583mm	250mm	250mm	17T28CWA
4 (with Meter knock-out)	267mm	400mm	250mm	17GG4CWMA
8 (with Meter knock-out)	425mm	400mm	250mm	17GG8CWMA
12 (with Meter knock-out)	583mm	400mm	250mm	17GG12CWMA

#### Overcurrent Release Modules:



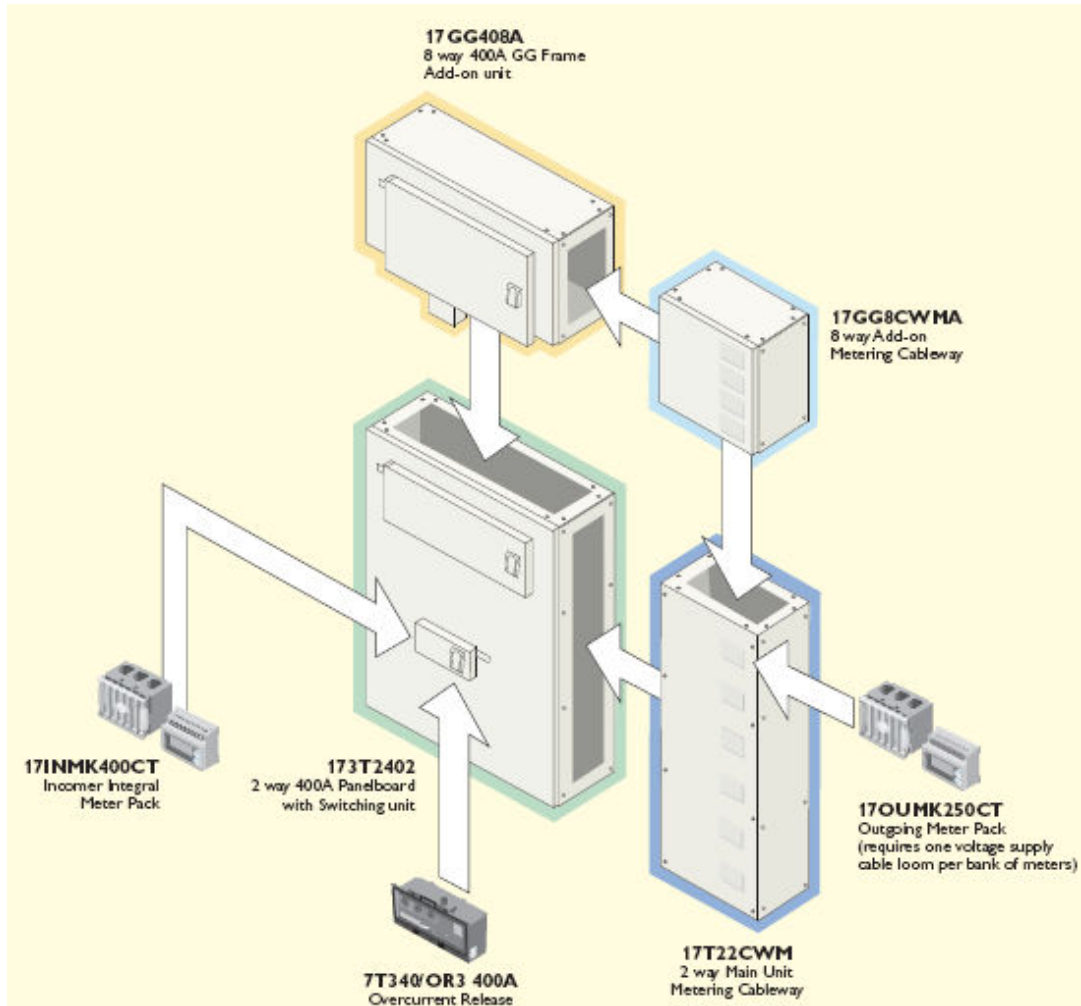
#### Important Note:

The incoming switch unit is supplied fitted in all the Powerstar 250 range. The user only has to select and fit the appropriate trip module (with or without protection)

<b>Current Rating</b>	<b>Polarity</b>	<b>Unit Type</b>	<b>Part No.</b>
400A	TP	Over-current Adjustment (0.4 to 1 xIn)	7T340/OR3
630A	TP	Over-current Adjustment (0.4 to 1 xIn)	7T363/OR3
630A	TP	Switch Disconnecter	7T363/SD
400A	4P	Over-current Adjustment (0.4 to 1 xIn)	7T340/OR4
630A	4P	Over-current Adjustment (0.4 to 1 xIn)	7T363/OR4

- Over-current release modules feature adjustable over-current and short circuit protection
- 4P Units feature protected neutral
- 4P Switch Disconnecter option available upon request

**Selection Guide:**



400A 3P with switching unit	400A 4P with switching unit	630A 3P with switching unit	630A 4P with switching unit	Main Unit Standard Cableways	Main Unit Metering Cableways	Add-on units	Add-on Standard Cableways	Add-on Metering Cableways
173T2402	-	-	-	17T22CW	17T22CWM	T2 frame	17T28CWA	17GG12CWMA
173T2404	-	-	-	17T24CW	17T24CWM	17T2408A		
173T2406	-	-	-	17T26CW	17T26CWM	GG frame	17GG4CWA	17GG4CWMA
-	174T2402	-	-	17T22CW	17T22CWM	17GG404A	17GG8CWA	17GG8CWMA
-	174T2404	-	-	17T24CW	17T24CWM	17GG408A	17GG12CWA	17GG12CWMA
-	174T2406	-	-	17T26CW	17T26CWM	17GG4012A		
-	-	173T2632	-	17T22CW	17T22CWM			
-	-	173T2634	-	17T24CW	17T24CWM			
-	-	173T2636	-	17T26CW	17T26CWM			
-	-	-	174T2632	17T22CW	17T22CWM	17T2638A	17T28CWA	17GG12CWMA
-	-	-	174T2634	17T24CW	17T24CWM			
-	-	-	174T2636	17T26CW	17T26CWM			

An appropriate overcurrent release or switch disconnector module must be selected for Powerstar 250 Panelboards  
 Each bank of outgoing main or add on unit meter packs to must be installed in conjunction with a voltage supply cable loom (17OUMKCL)  
 Product list numbers and descriptions can be found within the body of the catalogue

**Further Information:**

Crabtree Sales: 01543 455010  
 Crabtree Technical: 01543 438310  
 Website: [www.electrium.co.uk](http://www.electrium.co.uk)