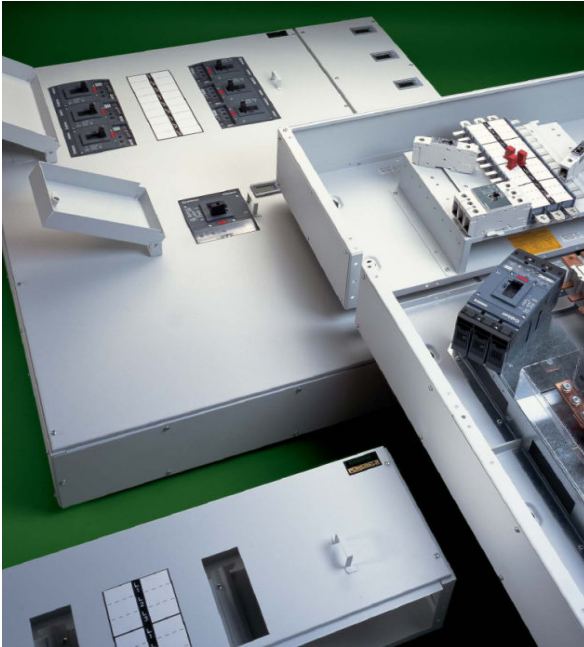


## Technical Information

### Powerstar 250 MCCB Panel Board (400A Incomer)



#### Overview:

#### System

- Incoming Rating 400A
- Maximum Outgoing Circuit 250A
- 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
  - 250A & 400A TP & 4P TM MCCB (2 x 150mm<sup>2</sup>)
  - 250 & 400A TP & 4P Switch Disconnector (2 x 150mm<sup>2</sup>)
- Busbar Ratings
  - 400A @ 35kA 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 | 173T2402 |
| 4 (with TP Sw Unit) | 1160mm | 900mm | 250mm | 173T2404 |
| 6 (with TP Sw Unit) | 1265mm | 900mm | 250mm | 173T2406 |
| 2 (with 4P Sw Unit) | 1055mm | 900mm | 250mm | 174T2402 |
| 4 (with 4P Sw Unit) | 1160mm | 900mm | 250mm | 174T2404 |
| 6 (with 4P Sw Unit) | 1265mm | 900mm | 250mm | 174T2406 |

| <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        | 17GG404A        |
| 8 (GG-Frame)        | 425mm         | 900mm        | 250mm        | 17GG408A        |
| 12 (GG-Frame)       | 583mm         | 900mm        | 250mm        | 17GG4012A       |
| 8 (T2-Frame)        | 583mm         | 900mm        | 250mm        | 17T2408A        |

| <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      |

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#### Overcurrent Release Modules:



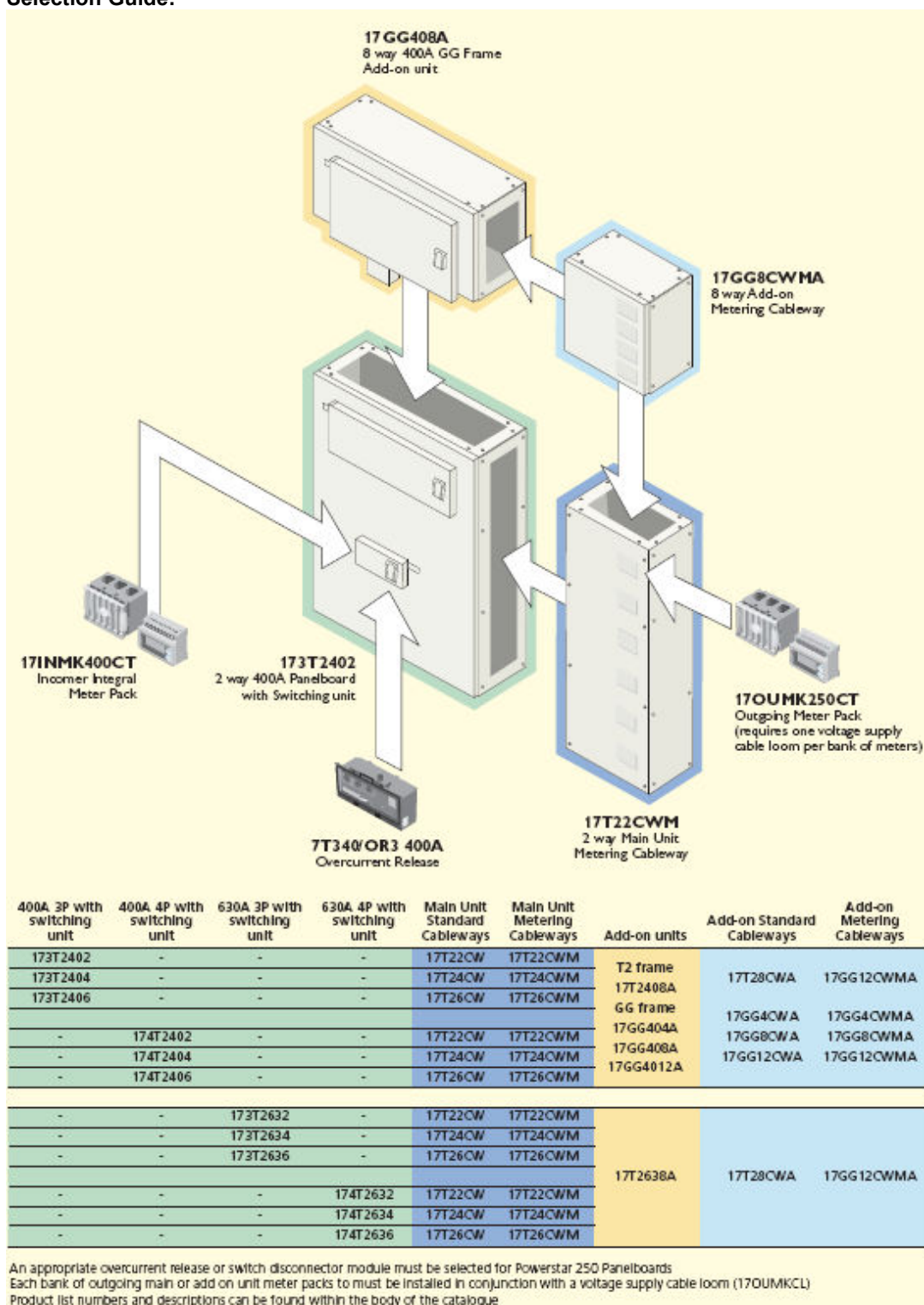
#### Important Note:

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> |
|-----------------------|-----------------|--|-----------------|
| 250A                  | TP              | Over-current Adjustment (0.4 to 1 xIn) | 7T325/OR3       |
| 400A                  | TP              | Over-current Adjustment (0.4 to 1 xIn) | 7T340/OR3       |
| 400A                  | TP              | Switch Disconnecter                    | 7T363/SD        |
| 250A                  | 4P              | Over-current Adjustment (0.4 to 1 xIn) | 7T325/OR4       |
| 400A                  | 4P              | Over-current Adjustment (0.4 to 1 xIn) | 7T340/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:



## Further Information:

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