

## Technical Information

### Powerstar 125 MCCB Panel Board (250A Incomer)



#### Overview:

#### System

- Incoming Rating 250A
- 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 GG-Frame MCCBs
- Siemens technology
- 15A – 125A Current Rating
- SP & TP variants

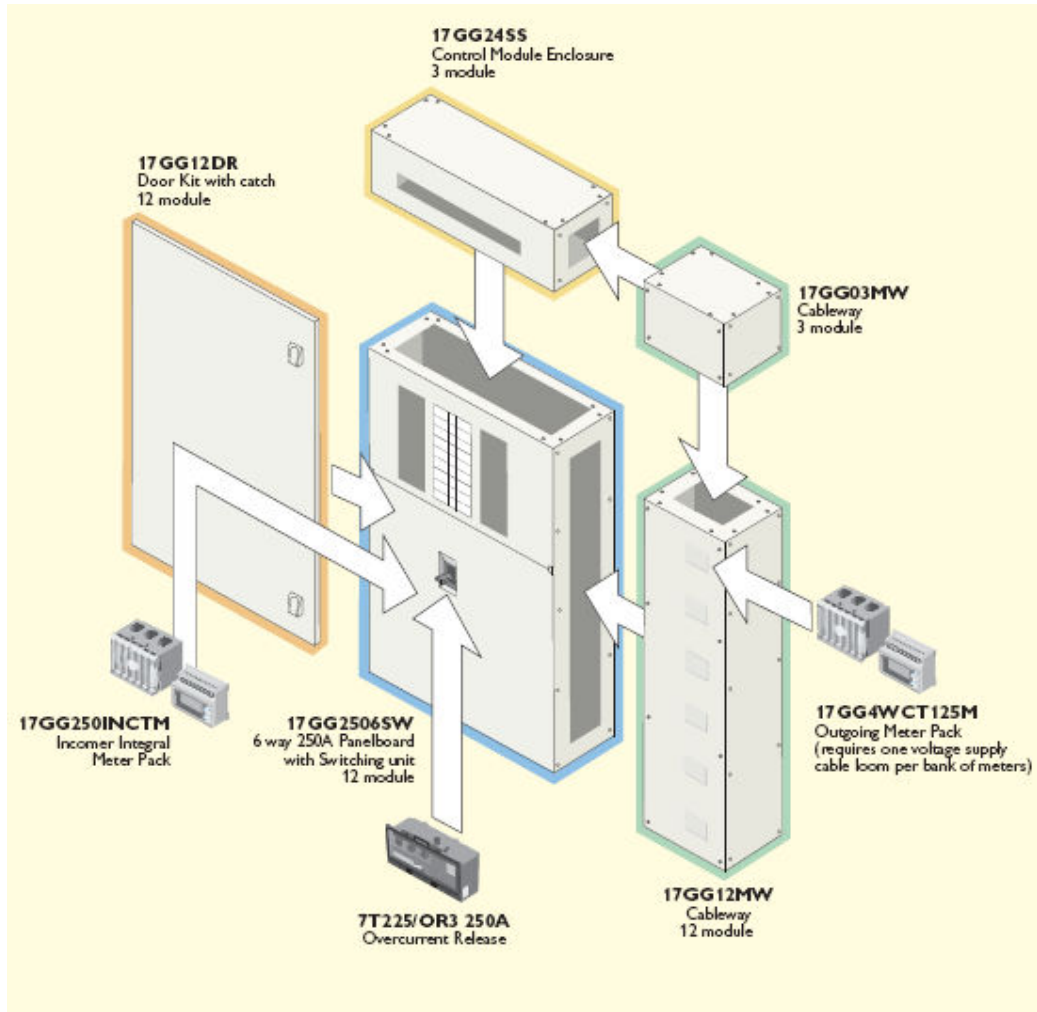
#### Features:

- Incoming Options
  - 250A TP Switching Unit (150mm<sup>2</sup>)
  - 250A Direct Cable (150mm<sup>2</sup>)
- Busbar Ratings
  - 250A @ 25kA
- Add-on and Integral Metering Options including MID
- Lightning & Surge Arrestor Kits
- Cableways
- 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:

| No. of Ways  | Height | Width | Depth | Part No.   |
|--------------|--------|-------|-------|------------|
| 6 (with Sw)  | 912mm  | 630mm | 155mm | 17GG2506SW |
| 8 (with Sw)  | 988mm  | 630mm | 155mm | 17GG2508SW |
| 12 (with Sw) | 1140mm | 630mm | 155mm | 17GG2512SW |
| 16 (with Sw) | 1292mm | 630mm | 155mm | 17GG2516SW |
| 6 (Direct)   | 912mm  | 630mm | 155mm | 17GG2506DC |
| 8 (Direct)   | 988mm  | 630mm | 155mm | 17GG2508DC |
| 12 (Direct)  | 1140mm | 630mm | 155mm | 17GG2512DC |
| 16 (Direct)  | 1292mm | 630mm | 155mm | 17GG2516DC |

**Selection Guide:**



| Modular Height | 250A with switching unit | 250A direct connection | 400A with switching unit | 400A direct connection | Door Kits with catch | Cableways | Add-on Boxes                         |
|----------------|--------------------------|------------------------|--------------------------|------------------------|----------------------|-----------|--------------------------------------|
| 3              | -                        | -                      | -                        | -                      | 17GG03DR             | 17GG03MW  | MCCB Housing<br>17GG125GGMB          |
| 5              | -                        | -                      | -                        | -                      | 17GG05DR             | -         | Incomer Meter Packs<br>17GG—OMPKIT   |
| 6              | -                        | -                      | -                        | -                      | 17GG06DR             | -         | SP&N Distribution Board<br>17GG19DB  |
| 7              | -                        | -                      | -                        | -                      | 17GG07DR             | -         | Control Module Enclosure<br>17GG2455 |
| 8              | -                        | -                      | -                        | -                      | 17GG08DR             | -         | Cable Spreader Box<br>17GGC5B        |
| 9              | -                        | -                      | -                        | -                      | 17GG09DR             | -         |                                      |
| 10             | -                        | -                      | -                        | -                      | 17GG10DR             | -         |                                      |
| 12             | 17GG2506SW               | 17GG2506DC             | -                        | -                      | 17GG12DR             | 17GG12MW  |                                      |
| 13             | 17GG2508SW               | 17GG2508DC             | -                        | -                      | 17GG13DR             | 17GG13MW  |                                      |
| 14             | -                        | -                      | 17GG4006SW               | 17GG4006DC             | 17GG14DR             | 17GG14MW  |                                      |
| 15             | 17GG2512SW               | 17GG2512DC             | 17GG4008SW               | 17GG4008DC             | 17GG15DR             | 17GG15MW  |                                      |
| 17             | 17GG2516SW               | 17GG2516DC             | 17GG4012SW               | 17GG4012DC             | -                    | 17GG17MW  |                                      |
| 19             | -                        | -                      | 17GG4016SW               | 17GG4016DC             | -                    | 17GG19MW  |                                      |

An appropriate overcurrent release or switch disconnector module must be selected for Panelboards which include switching units (suffixed SW)  
 Overall Panelboard doors are available up to 15 mod. Two doors can be used for larger units. (250A incoming section = 7 mod. 400A incoming section = 9 mod.)  
 Each bank of outgoing meter packs to be installed in conjunction with a voltage supply cable loom (17CUMKCL)  
 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)