Proteus Data Sheet

| Product Code | Product Range | Issue No. | Issue Date | Issue By |
|---|---|---|---|---|
| **800BC3** | Busbar chambers | B | May 2026 | T.T. |

## Description

800A, 4 pole horizontal busbar chamber in steel enclosure. Each chamber is supplied with one initial set of 4 connection bolts.
Chamber width 893mm.



## Features

Manufactured to BS EN 61439-1&2.
Twin bar design, 4 pole configuration.
No drilling of the busbar necessary.
36kA short circuit fault level.
Fully rated neutral.

## General Characteristics

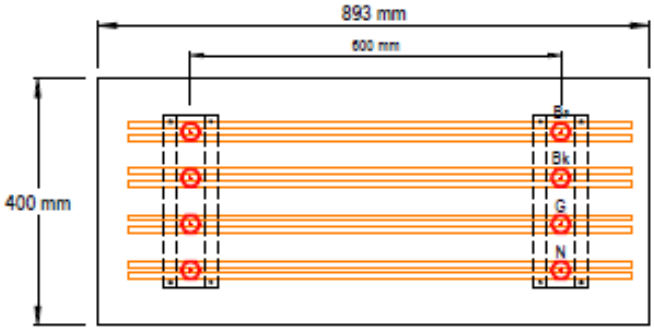
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|---|---|
| Standards | BSEN61439-1. |
| Current Rating | 800A |
| Voltage Rating | 400V |
| Fault Current Rating | 36kA Icc. Remote MCCB or BS88 fuse protection |
| Dielectric strength | 2000V ac |
| IP Rating | 3X |
| Pollution Degree | 3 |
| No. of Poles | 4 |
| Connection bolts supplied | 1 connection copper for each pole |
| Terminal Torque | M10 - 40Nm (BCC240/48) |
| Insulation Voltage (Ui) | 690V |
| Rated frequency | 50 / 60Hz |
| Equipment Type | Fixed |
| Approx. Weight kg | 33 |
| Enclosure | 1.6mm mild steel.<br>Screw on end plates.<br>Plain top, bottom and sides. Drill to suit site requirements. Bolt on front cover, Pozi screw. |
| Finish | RAL 7035. Powder coated, electrostatically applied. |
| Ambient operating temperature | -5 to 40 °C. Not exceeding average of 35 °C in any 24 hour period. |
| Maximum altitude | 2000m |
| EMC environment | Type A |

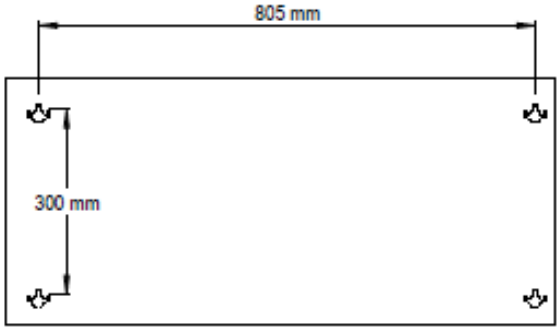
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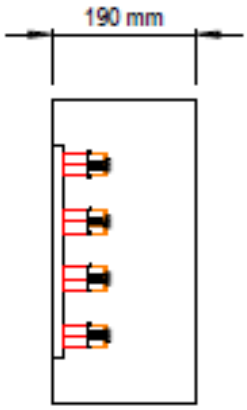
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**Dimensions.**




4 x Connection coppers supplied



BCC240/48
Connection copper – Place clamp plate over rear face of busbar. Torque to 40 Nm.
Bolt cable to front face, M10 bolt.
Torque 40Nm.

**Additional information**

| | |
|---|---|
| Usage | Intended for use by skilled persons or instructed persons. |
| Electrical | EMC environment: Environment type A. |
| Installation | Service conditions: Wiring of this product must comply with current IEE regulations. Units are intended for indoor use, dry conditions and **NOT** where high levels of humidity and temperature are experienced. |

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