

PRODUCT DATA SHEET

BIIG ENERGY
FINEST ENGINEERING



BE BT CSPC403025 GRY

Box Type Carbon Steel Enclosure Powder Coated Grey 400x300x250 (HxWxD)

SPECIFICATION

| | |
|-----------------------|---|
| Material | Carbon Steel |
| Body thickness | 1.0 mm |
| Mounting plate | 1.0 mm Carbon Steel, powder coated grey |
| Gland plate | 1.5 mm Carbon Steel |
| Weight | 6.785 Kg |
| Surface finish | Powder coated Grey |
| Lock | Chrome Quarter turn lock 50mm Double Bit |
| Bonding earth | 6 mm GY |
| Door gasket | Injected Polyurethane |
| Construction | Fully welded |
| Ingress/impact rating | IP66, IK10 |
| Door earth bond | Included |
| Rated Voltage | 415V AC |
| Rated Current | 630A AC |
| Fault Current Rating | 20 kA AC |

APPLICATION

BiigEnergy BOX TYPE Carbon Steel powder coated enclosures are designed for harsh industrial environments, providing robust protection for electrical and instrumentation components indoor/outdoor and washdown areas. Products are manufactured to high Quality and Environmental Standards.

Typical applications include:

- Local Control Stations (LCS)
- Marshalling Panels
- Instrument Junction & Terminal Boxes
- Power Junction Boxes
- Distribution Panels

Suitable for applications with rated current < 630 A or 20 kA fault rating (typical).

INCLUDED ACCESSORIES

Wall Mounting Set: 4xM6 Nut, 4xBracket

Earth Stud Marking Sticker: 3

Plastic/Silicon Hole Plug: 4xM8, 4xM6

Panel Key double bit (NOS): x1

Silicon O Rings: 12xM6

Gland Plate Screws: M5x8

COMPLIANCE

- **IP rating:** IP66 rated — IEC 60529 (Degrees of Protection)
- **Wind rating:** Region D — AS/NZS 1170.2-2002
- **Wiring rules:** AS/NZS 3000:2018
- **Switchgear assemblies:** AS/NZS 61439.1:2016 (LV switchgear and control gear assemblies — General rules)
- Manufactured and tested in accordance with **IEC 62208 / AS/NZS 62208** for empty enclosures, suitable for use in low-voltage switchgear and control gear assemblies.

Warranty. BiigEnergy warrants its products for 5 years from the date of purchase against defects in workmanship, materials, and design. This warranty does not cover normal wear and tear, corrosive environments, salt-air electrochemical corrosion, misuse, lack of care, incorrect installation, or inadequate maintenance. It also excludes damage caused by events beyond BiigEnergy's control, including fire, flood, natural disasters, terrorism, and external accidents. BiigEnergy will repair, modify, or replace defective components at its discretion, with replacement parts supplied within a reasonable timeframe. Liability under this warranty is limited to the wholesale purchase value of the product. Any unauthorized modification or repair will void this warranty. Warranty claims must be submitted within 5 years of purchase and must include proof of purchase, place of purchase, defect details, date the defect arose, and contact information.

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