

# Metal Enclosure Installation Guide - CFGAR2



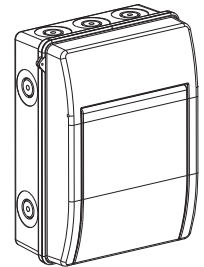
Enclosure complies with 17th Edition Wiring Regulations Amendment 3

This provides a guide to the assembly and installation of the BG Electrical metal weatherproof enclosure unit.

**This product must be installed by a competent person in accordance with the current IET Wiring Regulations (BS 7671) and Building Regulations.**

**Ensure ALL screws are fully tightened before use**

**Please ensure electrical supply is disconnected before installation**



1. Remove front cover by opening the visor, and undo four retaining screws.
2. Provide cable access via round Ø20mm knock outs on all sides. Holes can be drilled and expanded to accept 32mm glands. Only remove minimum required. Ensure IP rating is maintained, e.g. use of glands.
3. Secure to wall. Use one key hole slot to hang in position, ensure fitted level, use other fixing holes to firmly secure. Fit plastic covers over screw heads to retain IP rating.
4. Fit additional devices to DIN rail if required, fit busbar between Main Switch live (2) and MCBs, fit cabling to devices and neutral and earth terminal blocks. Note:-100A Main Switch and 16, 6A MCB devices, busbar and neutral cable are supplied with this enclosure.
5. **Ensure all connections are secure and terminal screws fully tightened. Recommended max torque for Terminal screws, MCBs and RCBOs is 2Nm, Switch and RCD 2.5Nm.**
6. Test in accordance with the current IET wiring regulations.
7. Add cover mounted blanks supplied if required.
8. Refit cover, and secure using four screws, fit caps over the four screws.
9. Apply Main switch label and circuit identification labels to front cover above devices.
10. Close visor to main fire integrity of enclosure, use lower clip to secure.

## General

Tools – Screwdriver PZ 2 or Flat screwdriver, knife and pliers.

Cleaning – use a soft damp cloth with luke warm water (only clean outside of unit).

Standards – All consumer units have been designed to comply with the requirements of BS EN 61439, BS 7671 and Part P document.

## Guarantee

BG Electrical products are guaranteed against faulty materials and workmanship for a period of 10 years from date of delivery: products will be repaired or (at BG Electrical's discretion) replacements will be supplied or (at BG Electrical's discretion) a credit note will be issued. This guarantee is subject to BG Electrical's conditions of sale and in particular to the following conditions being met:

1. Notification of any defect is given to BG Electrical as soon as reasonably practicable after becoming apparent, and the products then returned to BG Electrical.
2. The products have only been operated under normal operating conditions and have only been subject to normal use.
3. No work (other than normal and proper maintenance) has been carried out to the products without BG Electrical's prior written consent.
4. The products have been assembled, or incorporated into other goods, by a qualified and recognised electrician and only in accordance with any instructions issued by BG Electrical.
5. The defect has not arisen from an item manufactured or supplied by a person other than BG Electrical.

*This guarantee does not affect any consumer statutory rights.*

All components used in a BG Electrical enclosure, must be supplied by BG Electrical. The use of any other components will negate compliance to BS EN 61439 and the BG Electrical Guarantee. Failure to fit the enclosure in accordance with these instructions will invalidate the guarantee.

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