



# C600S & C610S SERIES 19" MOUNTING MAINS DISTRIBUTION UNITS (16A) INSTRUCTIONS FOR USE

**WARNING : THIS EQUIPMENT MUST BE EARTHED. TO AVOID ELECTRICAL SHOCK, DO NOT OPEN CASE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE UNIT TO RAIN OR MOISTURE. ALWAYS REPLACE FUSES WITH THE CORRECT SIZE & TYPE.**

To ensure safe operation of this unit and equipment connected to it read the following and take the appropriate action.

## Models

- C602S 16A 19" RACKMOUNT MAINS DISTRIBUTION PANEL (42-680)
- C603S 16A 19" RACKMOUNT MAINS DISTRIBUTION PANEL (42-690)
- C612S 16A 19" RACKMOUNT MAINS DISTRIBUTION PANEL (42-707)

## Connections

The input connector is 16Amp to BS4343, CEE17. It should be connected to an earthed single phase supply of nominally 220-240Vac. A protective device should be fitted at the supply source to ensure that the panel is adequately protected against over-current. It is recommended that the supply source should have earth leakage protection. When routing the supply cord care should be taken to minimise the possibility of mechanical damage, sources of heat should be avoided. The supply cord should not be 'coiled'.

Each outlet should not be overloaded, output current should be restricted to their rated maximum, ie DIN 49441/CEE7 outlet to 16 amp & BS4343 to 16 amp. The total panel load (including any 'linked' panels) should not exceed the input connector rating and panel maximum rating of 16Amps.

## Installation

Installation and connection should only be carried out by a suitably qualified person and in accordance with local wiring regulations.

This unit should not be used free standing, it must be securely fixed in a 19" rack before use. It is only suitable for use indoors. These units are not designed for use in a domestic environment.

## Earthing/Maintenance

When using the back panel earthing screw, do not excessively tighten. If an eye termination is to be used, the screw size is M4. This screw is provided for supplemental bonding only. Main panel earthing should be supplied via the panel input connector. Earth bonding and insulation resistance should be checked at appropriate intervals. These should be determined taking into account installation circumstances, projected usage and environmental conditions.

The supply must be isolated before any maintenance is attempted. The front cover must not be removed with the supply connected. The green power neon indicates 'power available'. It should NOT be used to indicate supply isolation. Even when the green neon is not illuminated hazardous voltages may still be present.

Any equipment connected to this unit requiring isolation should be disconnected by removing the appropriate plug.

## Technical Specification

- Dimensions: 19" (w) x 135mm (d, max) x 88mm (h)
- Weight: 3kg

For further information or servicing please contact your local E.M.O. Dealer.