

### E600 SERIES POWER DISTRIBUTION PANELS INSTRUCTIONS FOR USE

**42-625** EMO Power Distribution Panel E625

**42-630** EMO Power Distribution Panel E630

**42-640** EMO Power Distribution Panel E640

**42-645** EMO Power Distribution Panel E645

**42-650** EMO Power Distribution Panel E650

**42-651** EMO Power Distribution Panel E651

**42-655** EMO Power Distribution Panel E655

**42-656** EMO Power Distribution Panel E656

**DO NOT REMOVE ANY COVERS WITHOUT REMOVING THE MAINS SUPPLY.**

**DO NOT OPERATE THE UNIT WITH ANY COVERS REMOVED.**

**ALWAYS REPLACE ANY FUSE WITH THE SAME TYPE AND SPECIFICATION.**

**THIS UNIT MUST ALWAYS BE EARTHED.**

**TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS ITEM TO RAIN OR MOISTURE.**

**THIS PRODUCT IS NOT DESIGNED FOR USE IN A DOMESTIC ENVIRONMENT.**

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

#### INSTALLATION

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

#### SUPPLY WIRING

The supply cord has a conductor size of 1.5mm<sup>2</sup>. It should be connected to an earthed single phase supply of nominally 220-240V AC. A protective device should be fitted at the supply source to ensure that the supply cord is adequately protected against overcurrent. 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'.

#### MAINTENANCE

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' and is unaffected by the fuse. It should NOT be used to indicate supply isolation. Even when the green neon is not illuminated hazardous voltages may still be present.

#### EQUIPMENT ISOLATION

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

#### FUSES

The type, size and rating of fuse is indicated adjacent to the fuse holder. If a fuse needs replacing ensure the type, size & rating is correct. All fuses should be ASTA certificated. In the event of a fuse failure, investigate the cause of failure before replacing the fuse. Power should be disconnected while fuses are checked or replaced. The 'fuse fail' indicators will only function if a load is connected.

### EARTH BONDING

When using the back panel earth bonding stud, do not excessively tighten the clamping nut. If an eye termination is to be used, the stud size is M4. Under no circumstances should the stud fixing nut be loosened. The bonding stud is for supplementary bonding only, main safety earthing should be via the supply cable. 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.

### POSITIONING

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.

### MAINS PLUG WIRING

#### IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

Green-and-yellow :	Earth
Blue :	Neutral
Brown :	Live

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green-&-yellow must be connected to the terminal in the plug which is marked with the letter E or coloured green-&-yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.