

**CANFORD MAINS DISTRIBUTION UNITS****42-693** Canford Mains Distribution Unit - IEC**42-694** Canford Mains Distribution Unit - IEC with filter**42-695** Canford Mains Distribution Unit - IEC 16 amp**42-696** Canford Mains Distribution Unit Installation Version - IEC 16 amp

These units are intended to distribute power to up to 12 pieces of equipment mounted in a standard 19" rack or bay.

Each output, presented on an IEC (CEE22) 10 amp rated outlet, is separately fused and has an associated front panel neon indicator to show if the corresponding fuse has failed. The neon will only illuminate whilst a load remains connected. A further neon indicator is provided to show the presence of mains supply. **No mating connectors are supplied.**

SUITABLE CONNECTORS ARE:**INLET:** (10 amp versions)

42-154 IEC Mains female cable 10A (without keyway)

OUTLET:

42-162 Mains cordset IEC-IEC (2.5M)

42-153 IEC Mains male cable 10A

INSTALLATION

Rackmount versions:

The distribution unit should be fixed firmly in a 19" rack using suitable hardware. (For rackmount fasteners see stock codes 16-023-085).

Appropriate attention **MUST** be paid to protective earthing of the rack itself.

Installation version:

The unit is supplied unassembled to allow the user to select if it is to be the top or bottom that is to be used for the fixing plate. Assemble the unit using the slots in the fixing plate to secure the unit to an appropriate surface. Please ensure that only the four outer corner screws are ever removed from the chassis.

Common to all versions:

The power outlets should be cabled to the equipment to be powered using cable to suit both the load and the outlet's fuse. The fuses supplied limit the maximum output from each connector at 5 amps.

These may be changed to suit the cable for each load applied, up to a maximum of 10 amps. (Total load capability of the unit is set by the maximum rated load

of the supply cable and fuse). Before the fuses are

changed, power to the unit should be disconnected.

Replace fuses only with HBC ceramic types to BS EN60127, suitable types available (5A HBC stock code 42-235), as are alternative values in both HBC fast acting and delay types. Fuse values should be chosen to protect the cable used to wire to the powered equipment.

POWER SUPPLY WIRING**THIS EQUIPMENT MUST BE EARTHED.**

The distribution units should be provided with an adequate mains power supply. The 10 amp units must be supplied through a suitable cable (typically 1.25mm² - stock code: 33-330) from an outlet or plug top fused at no more than 10 amps.

The 16 amp version is supplied fitted with a 3 metre length of 2.5mm² cable, suitable for connection using a BS 4343 16 amp connector (stock code: 42-392).

A terminal device is provided within the unit from which this cable may be detached if replacement is required.

DISCONNECT THE SUPPLY BEFORE REMOVING TOP COVER.

The CE mark is applied to this product in respect of the Low Voltage Directive. This apparatus complies with the safety requirements of this

Directive when used as intended in domestic, commercial, light industrial and similar general indoor use. It must not be subjected to splashing or dripping.

WARNING! THIS APPARATUS MUST BE EARTHED.

No user serviceable parts accessible. Do not remove covers. Replacement mains fuses must be of a 250V rated European approved type with identical current and time characteristics.

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technical data

TECHNICAL SPECIFICATION

Equipment type - Class 1 apparatus, intended for incorporation into 19" equipment racks. For professional use.

Rated Duty:	Continuous
Rated voltage:	220/240 volts AC
Rated load:	See above
Size:	265 deep x 485 wide x 44 high (mm)
Depth required including connectors:	380mm
Weight:	1.5kg approximately (less cables)
Filter attenuation leakage:	Typically 40dBs @ 10MHz, <2 x 0.25mA