

PDU16-10DJ

16A 10 WAY POWER DISTRIBUTION

USER GUIDE

RED Neon Indicator
on this switch will show there is AC power to the unit.
Should these **Not Be Lit** then 1st check the power is connected & none of the outputs have an overload or short circuit



These 10 switches will light when the channel is selected

ON/OFF 16A Trip Switch
In the event of overload these will cut power to the 10 output sockets see Appendix for reset time

C20 Inlet
20A 250V Rating

10 x C13 Outlet
Max Combined Load 16A



1.8m POWER CABLES SUPPLIED FOR INTERNATIONAL APPLICATIONS



TYPE G 13A
UK, Ireland, Malta, Malaysia & Singapore
LIMITED TO 13A MAX LOAD
REPLACE TYPE G WITH BLUE C FORM FOR 16A USE



TYPE E/ F 16A
Europe, France, Belgium, Poland, Russia, Slovakia & Czechia



TYPE B 15A
USA, Canada, Mexico & Japan



TYPE 1 10A
Australia, New Zealand, China & Argentina
LIMITED TO 10A MAX LOAD
REPLACE TYPE 1 WITH BLUE C FORM FOR 16A USE



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E&OE

OPERATION & USER GUIDE TO 19 INCH RACK MOUNT POWER DISTRIBUTION UNITS

**Please read the following information before installing or
using your Power Distribution Units**

Safety and Grounding (earth)

- This PDU is intended for indoor use only.
- Do not install this PDU where excessive moisture or heat is present.
- Never install any wiring, equipment, or PDU's during a lightning storm.
- Always connect this PDU into a three-wire, grounded power outlet.
- The power input cable should be connected to appropriate branch circuit/mains protection (fuse or circuit breaker). Connection to any other type of power outlet may result in a shock hazard.
- Use only the supplied brackets for mounting.
- Never work alone under hazardous conditions.
- Check that the power cord, plug, and socket are in good condition.
- Disconnect the PDU from the power outlet before you install or connect equipment to reduce the risk of electric shock if you cannot verify grounding. Reconnect the PDU to the power outlet only after you have made all connections.
- Use a protective earth connector with equipment. This type of connector carries the leakage current from the load devices (computer equipment). Do not exceed a total leakage current of 3.5mA or a risk of electrical shock will result.
- ALWAYS make sure the equipment that has been connected to the PDU is **OFF**, before switching on the PDU, as the **Inrush Current** can trip the power fuse and activate the protection circuit.
- All equipment plugged into this unit should have the correct fuses fitted for their current draw.
- Penn Elcom Ltd excepts no responsibility or liability for any equipment connected to this unit

GUARANTEE

YOUR EQUIPMENT IS GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF PURCHASE OF THE PRODUCT AGAINST ANY DEFECTS DUE TO FAULTY MATERIALS OR FAULTY MANUFACTURING. DURING THIS PERIOD, REPLACEMENT OR REPAIR TO THE UNIT WILL BE MADE WITHOUT CHARGE BY ANY AUTHORISED DEALER OR THE FACTORY SUBJECT TO THE FOLLOWING CONDITIONS.

The fault must be entirely due to faulty materials or faulty manufacture.

*The defect must **NOT** have been caused by poor installation, accidental damage, misuse or failure to comply with the instructions given in the users guide.*

If at any time during the guarantee period a part or parts of the equipment are repaired with a part or parts not supplied or approved by us; or if the equipment has been dismantled or repaired by any person not authorised by the us, then the guarantee shall immediately cease and become void.

Evidence of the date of purchase must be produced at the service point to obtain the benefit of this guarantee. Any carriage charges relating to the guarantee will be the responsibility of the purchaser.

This guarantee applies to the original purchaser only and the equipment must have been purchased or financed from new, this guarantee cannot be assigned or transferred.

The company reserves the right to replace the equipment or repair it at their discretion, any defective part shall become the property of the company.

This guarantee applies to equipment purchased and used within the E.E.C. The importers of equipment in non E.E.C. countries are responsible for the guarantee of this unit. Parts required under guarantee are free. Shipping charges for components will be charged at cost.

The guarantee shall become void if the equipment is at anytime used on any supply circuit or voltage range other than that specified on the equipment.

12. THIS GUARANTEE DOES NOT IN ANY WAY AFFECT YOUR STATUTORY RIGHTS AS A CONSUMER.

Declaration of Conformity

The Manufacturer of the Products covered by this Declaration is



Made in the UK by Penn Elcom
9-10 Parsons Road, Parsons Industrial Estate,
Washington Tyne & Wear, NE37 1HB, UK

The Directives covered by this Declaration

89/336/EEC Electromagnetic Compatibility directive, as amended
73/23/EEC Low Voltage Equipment directive, amended by 93/68/EEC

The Products Covered by this Declaration

PDU16-10DJ

16A MAX 1U Rack Mount 10 Ch Switchable A/C Power PDU

Usable Voltages 110V-250V ~ AC 47-63Hz - Max Current: 16A
Input Socket = IEC C20 16A Europe - 20A in USA
Outputs = 10 x C13 Outlets IEC Socket 10A ~250Vac
with a Maximum Combined Load 16A through a 16A Breaker Switch

The Basis on which Conformity is being Declared

The manufacturer hereby declares under his sole responsibility that the products identified above comply with the protection requirements of the EMC directive and with the principal elements of the safety objectives of the Low Voltage Equipment directive, and that the following standards have been applied:

All components used in this conform to current RoHS, CE & UL certification

(EMI:EN55022 (CISPR22) Class B; EN61000-3-2,3 EMS:EN61000-4-2,3,4,5,6,8,11; Light industry level, criteria A)

The technical documentation required to demonstrate that the products meet the requirements of the Low Voltage Equipment directive has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2019

Signed:

A handwritten signature in black ink, appearing to read "David Roberts", written over a faint circular stamp or watermark.

Authority: Technical Director (M Inst SCE)

Date: 17/07/2019

Attention!

The attention of the specifier, purchaser, installer, or user is drawn to special measures and limitations to use which must be observed when these products are taken into service to maintain compliance with the above directives. Details of these special measures and limitations to use are available on request and are also contained in the product manual.

TRIP SWITCH APPENDIX

These products are fitted with thermal circuit breaker/power switches with indicator as a **fail safe** and should not be used to determine excessive current drawer. *These are not an RCD and do not function in the same way.*

USERS OF THESE PDU'S SHOULD PRE-DETERMINE THE MAXIMUM SAFE LOAD AS INDICATED ON THE BACK OF THE UNIT.

PLEASE NOTE: An RCD is a safety switch that protects people from electrical shock; a circuit breaker protects the wiring and electrical components attached to the unit.

In normal operation there will be peaks in the current draw and these switches allow for this, but will switch if the overload is continuous.

Technical Specification

Calibration: Will continuously carry 100% of rating.

May trip between 101% and 134%,

(they must trip at 135% of rating within one hour at +25°C

See Chart)

Dielectric Strength: 1,500VAC (60 seconds).

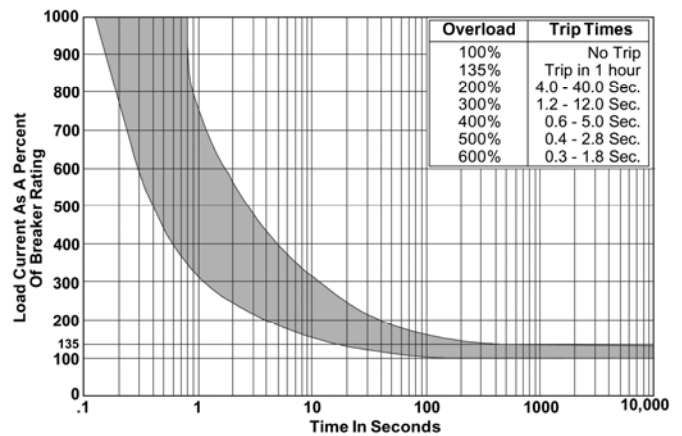
Insulation Resistance: 100 megohmsDOD.

Maximum Operating Voltage: 250VAC, 50/60 Hz.

These switches have the following certification approvals:

UL 1077 , VDE 0642/EN60934, CCC & CE compliant.

Time vs. Current Trip Curve @ +25°C



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