Qoltec®

USER MANUAL

PDU for 19" 10" RACK cabinets

About the product

The PDU (Power Distribution Unit) is designed to distribute electrical power between devices installed in RACK network and server cabinets. The product allows multiple devices to be connected to a single power source while remaining within the permissible electrical parameters. The PDU is intended for indoor use in a dry environment, in accordance with its technical specification.

Safety instructions

1. Before using the product, read this manual carefully and keep it for future reference.
2. Connect the product only to an electrical installation whose parameters match the device's rated data.
3. Connect the PDU to a properly earthed socket outlet with a functioning protective earth contact.
4. Do not exceed the maximum permissible load of the PDU specified on the rating plate.
5. Do not use the product if the power cord, plug, housing or sockets are damaged.
6. Do not touch the device or connected cables with wet hands.
7. Protect the product from water, moisture, high temperatures and direct sunlight.
8. Do not cover the PDU with materials that may impede heat dissipation.
9. Do not connect one power strip to another (daisy-chaining).
10. Do not disassemble, modify or repair the device yourself.
11. Route the power cord so that it is protected against crushing, cutting and excessive bending.
12. Disconnect the PDU from the power supply before cleaning or maintenance.
13. The product is not intended for use by children.

WARNING: Overloading the PDU or using a damaged device may result in electric shock, overheating or fire.

Installation in a RACK cabinet

1. Before starting installation, make sure the PDU is disconnected from the power supply.
2. Choose a suitable mounting position in the RACK cabinet that provides easy access to the sockets and cables.
3. Secure the PDU using appropriate mounting hardware compatible with the design of the device and the cabinet.
4. Make sure the PDU is securely fixed and not exposed to mechanical damage.
5. Route the power cord so that it is not under tension, crushed or in contact with sharp edges.
6. Check that the installation is correct before connecting the power supply.

CAUTION: Installation and connection of the device should be carried out by a person with appropriate knowledge of electrical installations.

Connection and use

1. Check that the mains voltage and frequency match the parameters of the PDU.
2. Make sure the PDU and power cord are not damaged.
3. Connect the PDU to a suitable socket outlet with a protective earth contact.
4. Connect devices to the PDU sockets, making sure that their total load does not exceed the permissible rated value.
5. For models fitted with a switch, set it to the on position.
6. During use, regularly check the condition of the cables, plugs and sockets.
7. CAUTION: The switch, if fitted, does not replace physically disconnecting the device from the mains.

Overload protection

The total power and current drawn by connected devices must not exceed the ratings of the PDU or the permissible load of the supply circuit.

If you notice excessive heating, a burning smell, smoke or malfunction, disconnect the power supply immediately, provided it is safe to do so, and stop using the product.

Cleaning and maintenance

Before cleaning, disconnect the PDU from the power supply and disconnect all connected devices.

Use a dry, soft cloth for cleaning.

Do not use water, solvents or aggressive chemicals.

Do not insert any objects into the power sockets.

Disposal

Take the product to an appropriate collection point for waste electrical and electronic equipment in accordance with the applicable waste management regulations.