UPDU RN3000 family short user manual

RNX

Thank you for choosing a PDU of the RN3000 family from RNX. Here are a few instructions to get you started.

⚠️ Please read this manual carefully before installing or decommissioning this product. Failure to follow these instructions may result in hazardous situations.

In addition to this operating manual the generally applicable legal regulations and other binding instructions concerning safety regulations, regulations for preventing accidents and regulations for the protection of the environment must be adhered to.

To avoid potential injuries, make sure the product is secured to a wall or a rack with its mounting bolts.

This product is intended for indoor use only. Humidity or water may result in electrical or fire hazard.

Assembly and maintenance can only be done by trained personnel (i.e. an electrician).

Go to https://riedonetworks.com/support and download the full user manual for detailed information on installing the product, using the software and get a copy of the certificates.
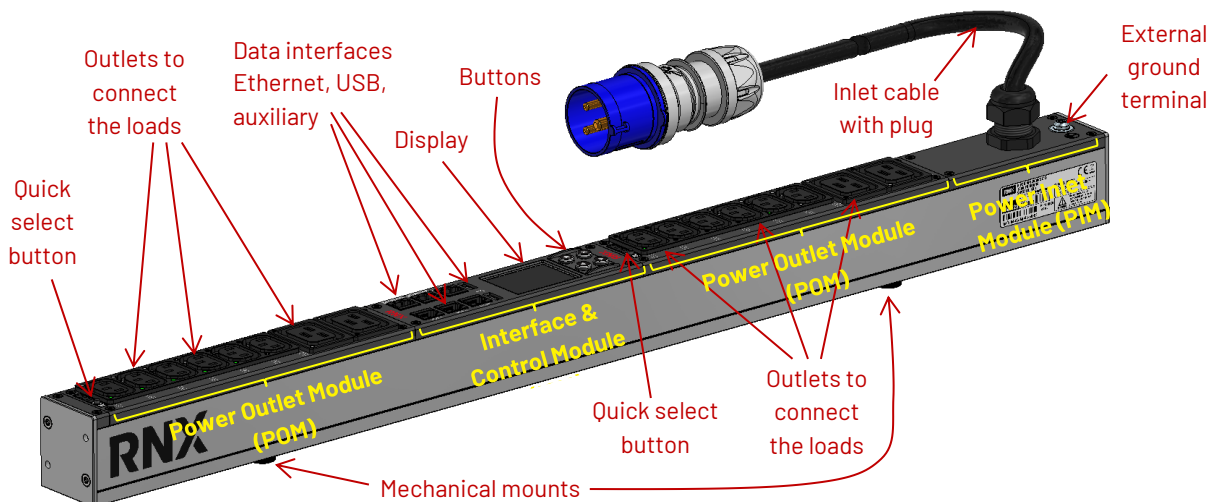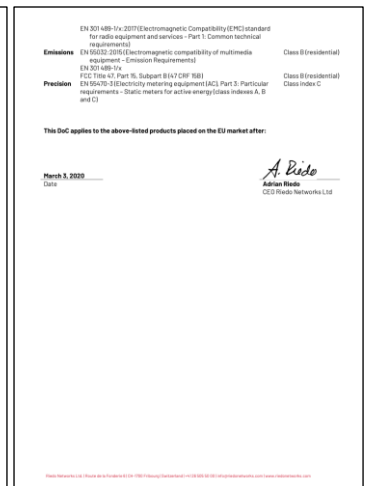

⚡ The building mains outlet where the PDU is connected to must be protected by fuses or MCBs in the building distribution box of the same current rating of the PDU. E.g. a 16A PDU must be protected by 16A MCBs and a 32A PDU must be protected by 32A MCBs.

The inlet plug can be used as a disconnect device: it must be easily accessible at all times.
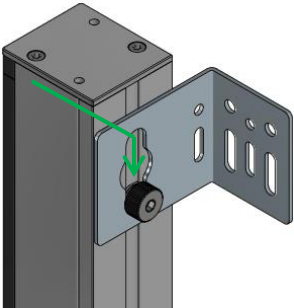
This product is intended to be used only with IT devices. The user must make sure that any load connected to a C13 outlet has a rated current of 10A or less.

Modules are not hot-swappable. The product must always be disconnected from the mains when disassembled or serviced by trained personnel (i.e. an electrician).
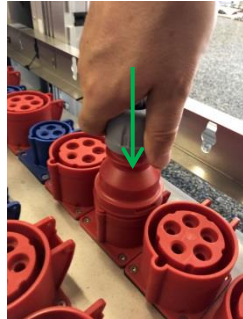

Outlets to connect the loads / Data interfaces Ethernet, USB, auxiliary / Buttons / Display / Quick select button / Power Outlet Module (POM) / Interface & Control Module / Quick select button / Outlets to connect the loads / Power Outlet Module (POM) / Mechanical mounts / Inlet cable with plug / External ground terminal / Power Inlet Module (PIM)

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Hardware installation:

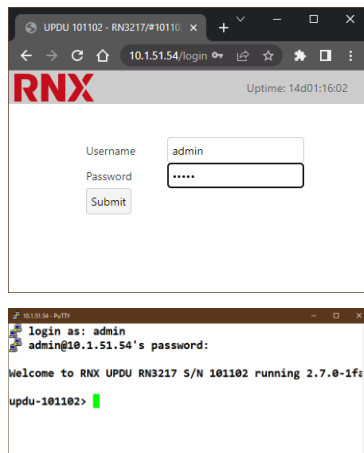| 1. Install the PDU on its mounts	2. Connect the AC mains supply	3. Connect the loads	4. Connect at least one Ethernet cable

Detailed information on the hardware installation is available in the user manual on our website.

Software configuration:

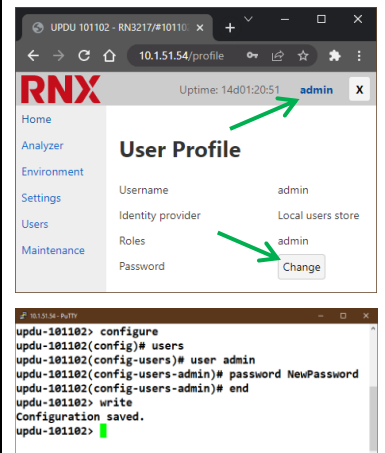| 1. Press ⏹ several times to reach the information page, then scroll with 🔼 🔽 until the IP address is shown	2. connect to that IP address with an SSH terminal (CLI) or with an HTTPS client	3. The default credentials are:	4. Change the password for better security
		Login: **admin** Password: **admin**	

Detailed information on the CLI, the web interface and the supported protocols are available on our website.

Product specifications:

Operating conditions: 0..60°C, 10..90%RH (non-condensing), 0..3'000m. **Voltage:** single phase 100-240V~ or 3-phase 175-415/100-240V 3N~ 50-60Hz; **current:** 16A or 32A; see nameplate for exact unit ratings. **Outlets:** IEC 60320 C13 and C19. **Interfaces:** 2x Ethernet 1Gbit/s with PoE, 1x 100Mbit/s, 3x External sensors, 2x USB. **Protocols:** console (serial), Telnet, SSH, DHCP, SNMP v2 & v3, NTP, HTTP, HTTPS, IPv4 & IPv6, REST API, STP & RSTP, SYSLOG, RADIUS.

Metering: per outlet (if equipped), per module, per branch, per phase, inlet (if equipped) or total; voltage (V), current (A), active power (W), apparent power (VA), reactive power (var), active energy (kWh), reactive energy (kvarh, capacitive and inductive), frequency (Hz) and power factor. Billing-grade accuracy, <0.5%. RCM type B (if equipped). **Switching:** per outlet (if equipped). **Overvoltage protection:** type 2 (if equipped).