RNX

Power Distribution and Monitoring Systems for Datacenters and Industrial Applications.

Contact EMEA
Riedo Networks Ltd
Route de la Fonderie 6
1700 Fribourg
Switzerland
Phone: +41 26 505 50 00

Contact Americas
Riedo Networks Ltd
c/o headwire Inc.
23293 South Pointe Drive
Laguna Hills, CA, 92653, USA
Phone: +1 949 595 43 65

Warehouse
Riedo Networks Ltd
Birchstrasse 17
3186 Duedingen (FR)
Switzerland

MODULAR
PROTECT YOUR INVESTMENT
The Universal Power Distribution Unit's
building blocks consist of
PIM (Power Inlet Module)
CBM (Circuit Breaker Module)
POM (Power Outlet Module)
ICM (Interface and Controller Module)

EASY ACCESS FOR SERVICE
The UPDU is very service friendly as all modules
are assembled from the front.
Replacement of a module takes less than 2
minutes and shortens maintenance dramatically
compared to swapping a whole PDU.

RIGHT TO REPAIR
The European Union plans a „right to repair"
to fight electronic waste and reduce CO2
emissions. UPDU's service friendly approach
embraces this initiative.
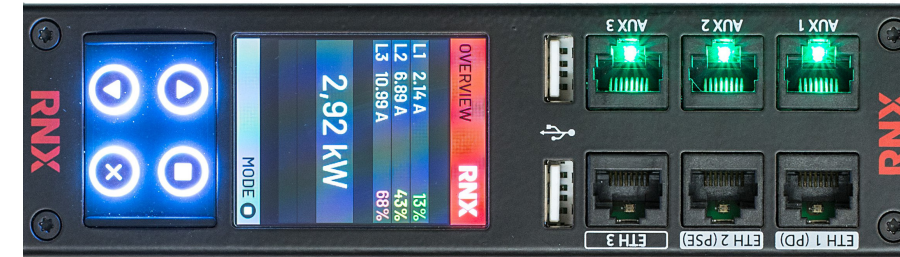
ROBUST AND SLIM
The robust housing is based on
anodized aluminium profile and steel
faceplates.

The UPDU with its outer dimensions of
less than 50x60mm fits in any rack.

UNLIMITED CONNECTIVITY
A total of 3 Ethernet Ports guarantee
endless networking options, ranging
from conventional star arrangements,
Gigabit daisy chaining up to
redundant ring topologies with RSTP.

CUTTING EDGE CONTROLLER
Internal data storage for min.
60days of measurements recording.

2x Gigabit ports with Power over
Ethernet (PSE and PD)

1x 100Mbit port, fully separated from
gigabit network.

3x AUX ports for external sensors,
console and/or RS232 devices
(e.g. console tunneling to other
equipment)

2x High-Speed USB ports (Type A)
for mass deployment with USB stick
and/or additional devices.

NAVIGATION
Navigation on the ICM
is simple and intuitive.
Alerts can be signaled
to user locally with the
built-in buzzer.

COLOR DISPLAY
A large auto-orienting
2.4" full color display
summarize all metered
values and alerts
the user locally if
something is out of
range.

SENSORS
Up to 3 external sensors
can be attached directly
to each UPDU and 2 USB
ports enable even more
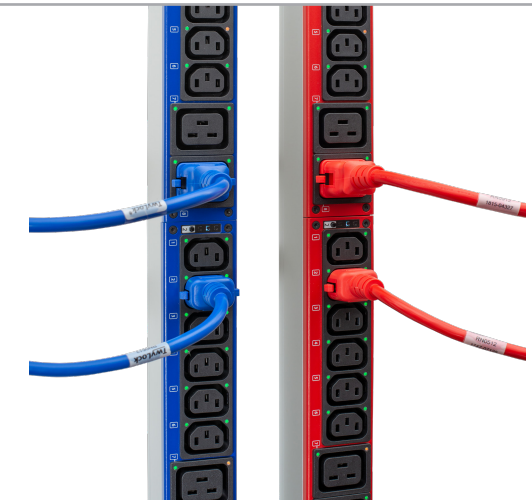devices to be connected.

EASY RACK MOUNTING
Tool-less mounting is enabled with 2 supplied
sliding buttons that can be freely positionned
along the UPDU.
Rack mounting brackets are optionally
designed to customer requirements.

LOCKING OUTLETS
All Universal Power Distribution Units have
locking C13 and C19 outlets as standard.
Locking cables such as TwyLock® snap into
outlets automatically when inserted to guarantee
a safe and robust connection.

RNX offers TwyLock® cables C14/C13 as well as
C14/C15 and C20/C19 from stock in black, red,
blue, white and in lengths from 0.5 to 3.0m.

SAFETY
Miniature Circuit Breakers used in UPDU are of highest
quality and with a specified breaking capacity of min.
10kA up to 25kA.

Customers can chose between hydraulic magnetic CBs
or thermal magnetic CBs.
Chosing the correct tripping characteristic is very
important in designing the correct selectivity for
upstream circuit breakers in the power distribution.

Optional Type B all-sensitive RCM completes the safety.