



Power
Distribution
& Monitoring
Systems

RNX UPDU

Power Distribution and Monitoring Systems for Data Centers and Industrial Applications.

The RNX UPDU is fully modular and consists of a PIM (Power Inlet Module), CBM (Circuit Breaker Module), POM (Power Outlet Module) and ICM (Interface and Controller Module). Modules can be replaced without having to remove the PDU (Power Distribution Unit) from the rack. This unique feature significantly reduces maintenance time compared with replacing an entire PDU and opens up various possibilities.

The robust housing is based on anodized aluminum profile and steel faceplates. The UPDU with its outer dimensions of less than 50 x 60 mm² fits in any rack. Two Gigabit Ethernet ports and one 100 Mbit Ethernet port guarantee numerous network options, ranging from conventional star configuration and gigabit cascading to redundant ring topologies with RSTP.

ADVANTAGES

- Modular design
- Upgradeable outlets
- Numerous network options
- Robust and space-saving
- Easy rack mounting

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We power your life.



CUTTING EDGE CONTROLLER

Internal data storage for min. 60 days of measurements recording. 2x Gigabit ports with Power over Ethernet (PSE and PD). 1x 100 Mbit 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

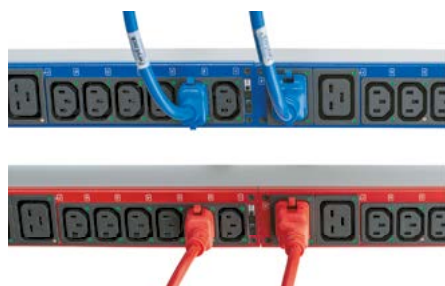
A large auto-orienting 2.4" full color display summarize all metered values and alerts the user locally if something is out of range.

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.

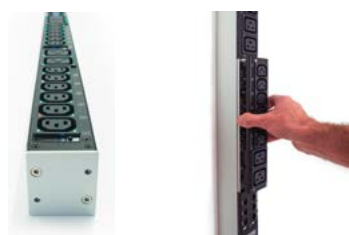


LOCKING OUTLETS

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. TwyLock® cables (C14/C13, C14/C15 and C20/C19) are available in black, red, blue and white in lengths from 0.5 to 3.0 m.

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 choose between hydraulic magnetic CBs or thermal magnetic CBs. Choosing the correct tripping characteristic is very important in designing the proper selectivity for upstream circuit breakers in the power distribution. Optional Type B all-sensitive RCM completes the safety.



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.



More information can be found at www.bachmann.com