

RN3586 Product Datasheet

UPDU® Outlet Switched & Metered

3x63A 48 Combo C13/C15/C19/C21 black

Revision: 2, Edition: 4

Date: 2025-04-22

Doc gen: v1.2-bb3a4864

Product features

Modularity	Yes, fully modular design, all modules assembled from the front and easily replaceable
Metering	Voltage (V), Current (A), Active Power (W), Apparent Power (VA), Reactive Power (var), Active energy (kWh), Reactive energy (kvarh, capacitive and inductive), Frequency (Hz), Power Factor
Metering accuracy	Billing-grade accuracy (<0.5%), compliant with, but not certified MID (Measuring Instruments Directive) 2014/32/EU, EN50470-1 (general requirements, test and conditions) and EN50470-3, Class C (static meters for active energy, class C (0.5% precision))
Measurment values per inlet	Yes
Measurment values per branch	Yes
Measurment values per module	Yes
Measurment values per outlet	Yes
Load curves storage	High resolution load curves (one sample/second) for 2+ hours. Load curves stored in non-volatile memory for 60+ days (1 minute interval)
Outlet switching	Yes, bi-stable 20A high quality relays
Environmental sensor interfaces	3x AUX ports for external sensors (temperature, humidity and differential pressure sensor, other sensors on request)
Alarms	Free setting of 4 thresholds on: - single outlets, modules, branches or phases - current, voltage, etc. temperature and humidity
Display	Large auto-orienting 2.4" graphic full-color TFT display
Network Interfaces	2x Gigabit Ethernet ports with - Power over Ethernet (PSE and PD) and - internal Gigabit switch for cascading an unlimited number of UPDUs 1x 100Mbit Ethernet port

Remote management / protocols	Console (serial), Telnet, DHCP, SNMP v2/v3, NTP, HTTP, HTTPS, IPv4/v6, RSTP, REST API, SSH, Syslog, Modbus TCP/TLS, LDAP, Radius, TACACS+
USB	2x high-speed USB Ports (type A)
Quick select button	Yes, on each Power Outlet Module

Input specification

Power rating	44kVA
Rated inlet voltage	175-415/100-240V~
Rated inlet current	3x63A
Rated frequency	50-60Hz
Inlet connection	3LNPE
Inlet cable and plug	Internal terminal blocks for 16mm ² wires
Inlet cable entry	Axial

Output specification

Rated output voltage	100-240V~
Maximum current per outlet	16A(CX)
Outlets	48 x CX IEC60320 (12 modules with 4xCX)
Cable locking	Yes, all outlets are compatible with TwyLock® power cords
Number of branches	12
Overload protection	Compact hydraulic-magnetic MCBs, 16A, 10kA breaking capacity, long tripping curve

Physical specification

Material Classification	LSZH (low smoke, zero halogen) cables and wires
Color	Black powder coated
Product dimensions (W x D x H)	74.8mm x 64.8mm x 1991mm
Product weight	appr. 9.2kg
Shipping dimensions (W x D x H)	194mm x 110mm x 2200mm
Shipping weight	appr. 10.1kg
Mounting	Tool-less rack mounting, 2 mounting buttons included Optional top and bottom mounting brackets

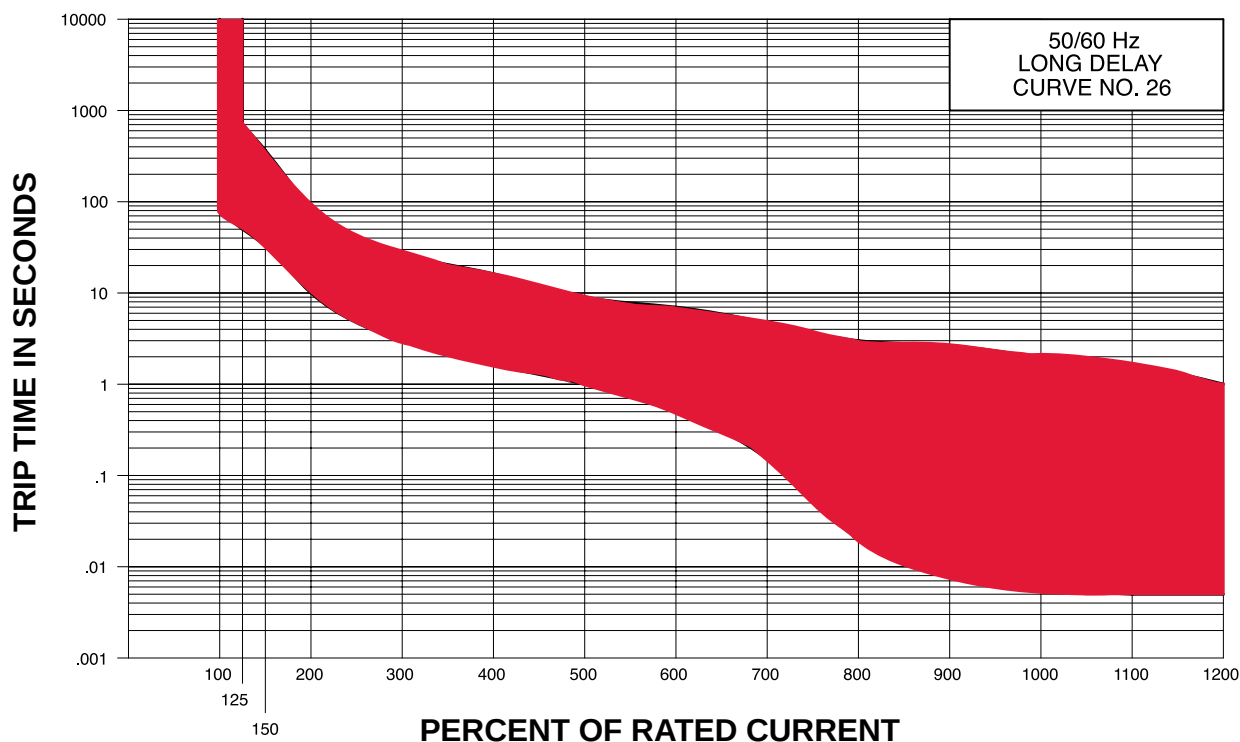
Environmental parameters

Operating temperature	0 - 60°C
Operating relative humidity	10 - 90% RH non-condensing
Operating elevation	0 - 3000m

Product compliance

Certifications/approvals	CE, compliant to IEC 62368-1:2018, EN IEC 61000-6-2:2016 ETSI EN 301 489-1:2019, EN 55032:2015, CISPR 32:2015 EN IEC 61000-6-3:2020, RoHS (2011/65/EU and 2015/863/EU)
Warranty	2 years manufacturer warranty

MCB tripping characteristic Carling N41-B0-26-616-122-F3



Disclaimer

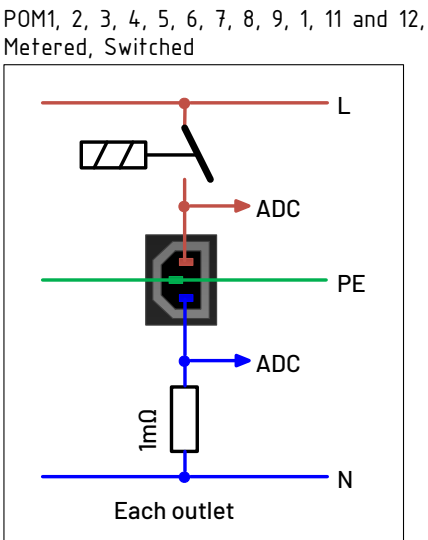
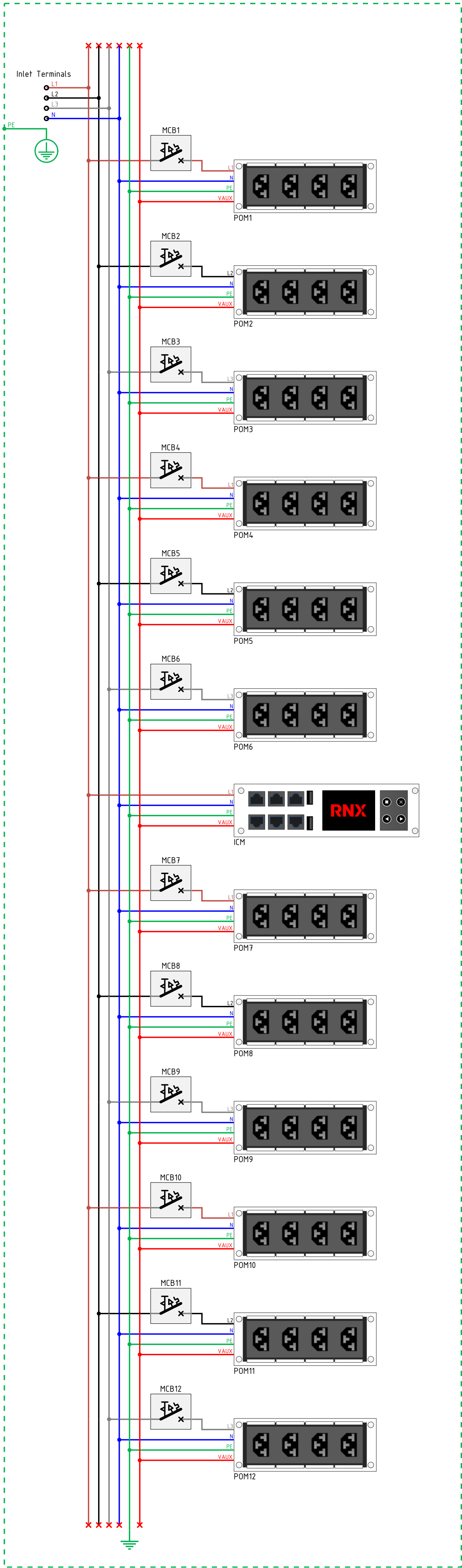
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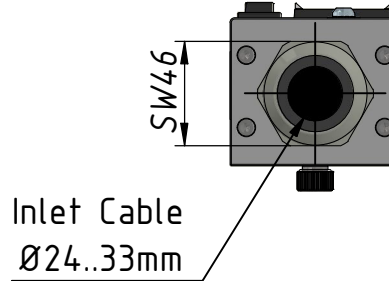


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M40 metal cable gland



MCB hydraulic-magnetic 16A

Additional earth M5

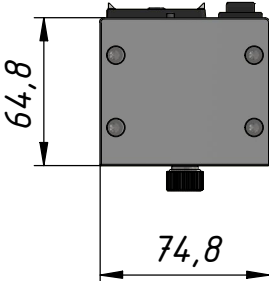
Product Label

33 max

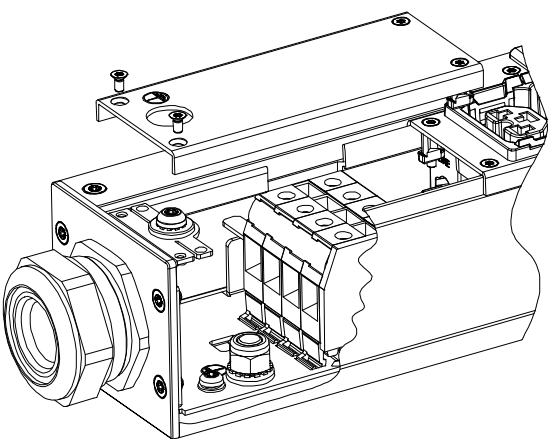
Hand tighten Screw with HEX for wrench 5mm, do not exceed 2.2Nm torque.

free linear positioning (both screws)

1991±1



Screw Terminal 16mm²



Disclaimer: Dimensions and illustrative drawings are accurate to the company's knowledge at the time of printing, however specifications are subject to change without notice.

RNX

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Product Drawing

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Revision: 2

Date: 2025-04-11

Scale: 0.3

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