

RN3274 Product Datasheet

UPDU® Module/Outlet Metered

3x32A 36 Combo C13/C15/C19/C21 black

Revision: 3, Edition: 1

Date: 2025-09-30

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Metering

Metering	Voltage (V, true RMS), Current (A, true RMS), Active Power (W), Apparent Power (VA), Reactive Power (var), Active energy (kWh), Reactive energy (kvarh, capacitive and inductive), Frequency (Hz), Power Factor
Measurment values per inlet	Yes
Measurment values per branch	Yes
Measurment values per module	Yes
Measurment values per outlet	With additional license
Metering accuracy	Billing-grade accuracy, 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)) Voltage: $\pm 0.5\%$, $U \geq 15V$ Current: $\pm 0.5\%$, $I \geq 35mA$ Active Power: $\pm 0.5\%$, $P \geq 1W$ Reactive power: $\pm 0.5\%$, $Q \geq 1var$ Apparent power: $\pm 0.5\%$, $S \geq 4VA$ Frequency: $\pm 0.1\%$, $f \geq 47-63Hz$
Metering bandwidth	2Hz-2kHz
Alarms	Free setting of 4 thresholds on: - single outlets, modules, branches or phases - current, voltage, etc. temperature and humidity

Data and Interfaces

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)
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+

Local Interfaces

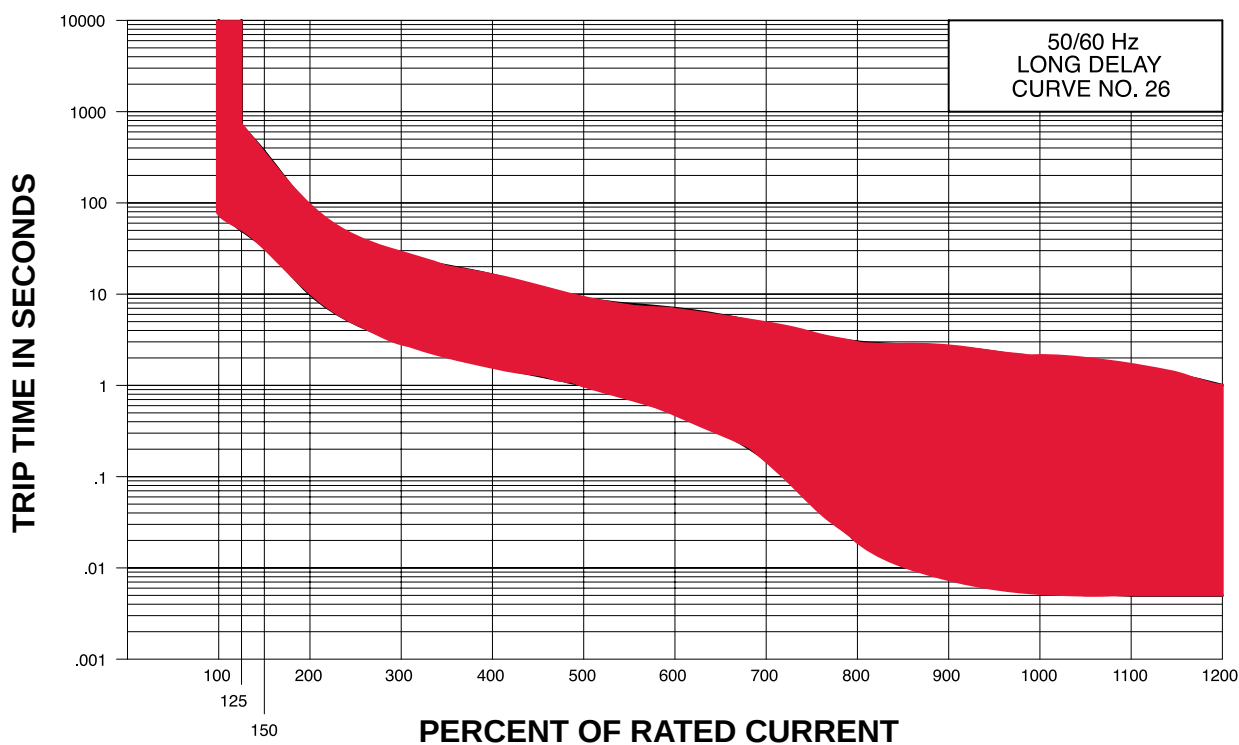
Environmental sensor interfaces	3x AUX ports for external sensors (temperature, humidity and differential pressure sensor, other sensors on request)
Display	Large auto-orienting 2.4" graphic full-color TFT display
USB	2x high-speed USB Ports (type A)
Quick select button	Yes, on each Power Outlet Module

Inlet Specifications

Power rating	22kVA
Rated inlet voltage	175-415/100-240V~
Rated inlet current	3x32
Rated frequency	50-60Hz
Inlet connection	3LNPE
Inlet cable and plug	3.0m cable, connector CEE32/5 6h
Inlet cable entry	Front

Branch Specifications

Number of branches	6
Overload protection	6x Compact hydraulic-magnetic MCBs
Nominal current	16A
Breaking capacity	10kA
MCB Type	Carling N41-B0-26-616-122-F3
MCB tripping characteristic	Long tripping curve



Outlet Specifications

Outlet switching	No
Rated output voltage	100-240V~
Maximum current per outlet	16A
Outlets	36 x CX IEC60320, compatible with C14, C16, C20 and C22 (6 modules with 6xCX each)
Cable locking	Yes, all outlets are compatible with TwyLock® power cords
Outlet status indication	Yes, each outlet is equipped with LEDs indicating the voltage

Physical Specifications

Modularity	Yes, fully modular design, all modules assembled from the front and easily replaceable
Material Classification	LSZH (low smoke, zero halogen) cables and wires
Color	Black powder coated
Product dimensions (W x D x H)	49.8mm x 59.8mm x 1796mm
Product weight	Appr. 8.3kg
Shipping dimensions (W x D x H)	194mm x 110mm x 2200mm
Shipping weight	Appr. 9.2kg
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

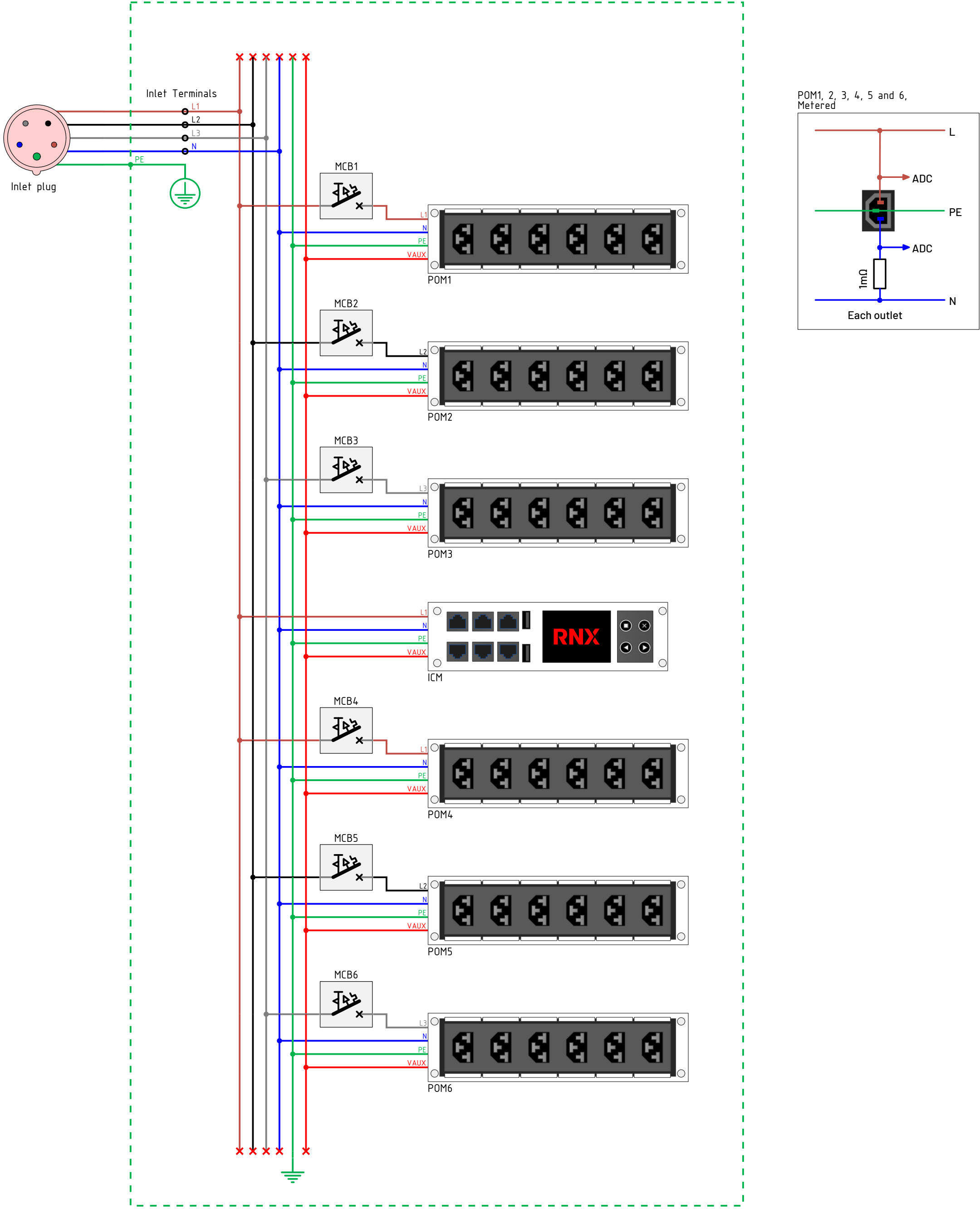
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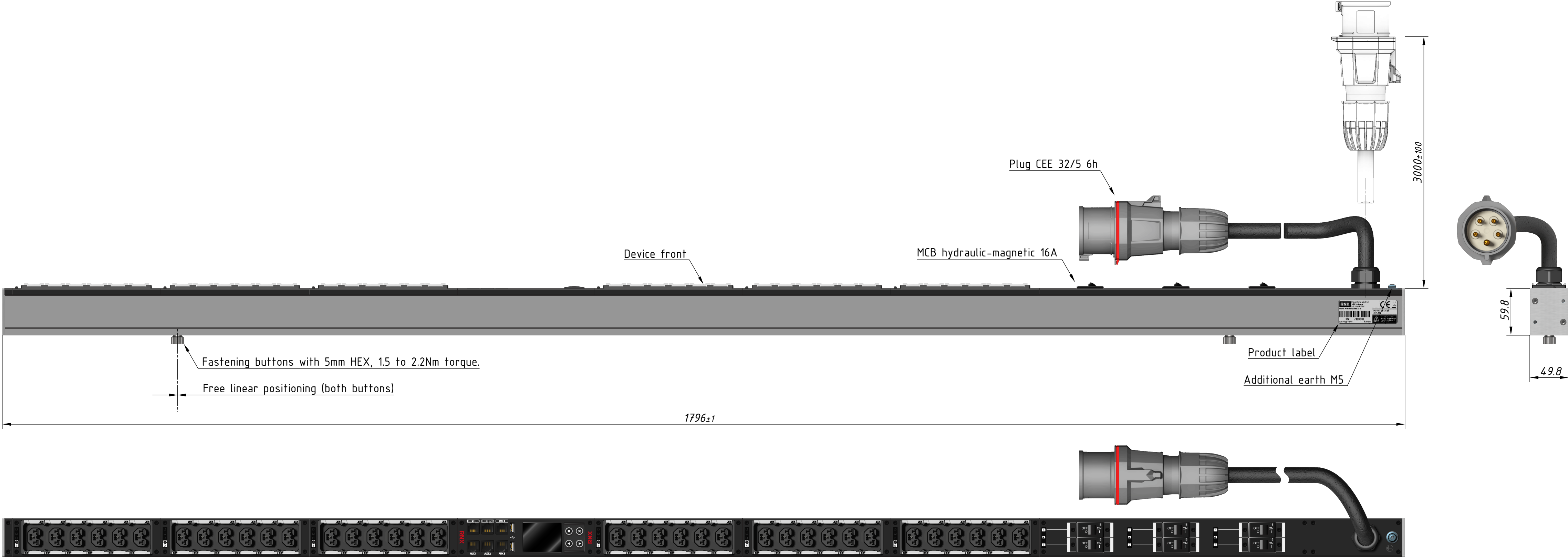
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RNX

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Product Drawing

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Scale: 0.3



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