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DK 7979.615 PDU local metered

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7979.615 - PDU local metered

High-end power distribution with local measurement of consumption data. Ideally suited for use in modern server racks and colocation data centres.

Features

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|------------------------------------|---|
| Model No. | DK 7979.615 |
| Design | Blue |
| Product description | The PDU with local power measurement is equipped with one display per phase (two displays in total) and supports superior phase loads in the colocation data centre. |
| Benefits | Integral measurement of current (A); active power (kW); voltage (V); frequency (Hz); power (kWh) and phase angle (°) Measurement accuracy of $\pm 2\%$ |
| Technical specifications | Error-tolerant PDU power supply redundant across all phases Connection cable, with connector, 3 m, H05VV-F3G4 mm ² Voltage V, current A, frequency Hz LCD display |
| Function principle | Measurement per phase or infeed |
| Material | Aluminium, spray-finished, blue, similar to RAL 5010 Cover: Plastic PA 6 GF30, black, similar to RAL 9005 |
| Supply includes | PDU with local measurement, 32 A, 1-phase, blue 2 angle brackets |
| Measurement functions, description | Measurement per phase or infeed |
| Dimensions | Width: 44 mm Depth: 47 mm Length: 1,308 mm |
| No. of sockets and type | 24 x C13 / 6 x C19 IEC/EN/60320/C13 IEC/EN/60320/C19 |

Features

| | |
|-----------------------------------|---|
| Sockets | 24 x C 13 6 x C 19 2-pole with protective contact, black |
| Rated operating voltage | 230 V, 50 Hz/60 Hz |
| Rated current (max.) | 32 A |
| Power consumption | 7.4 kW |
| Infeeds | Qty.: 1 Phases per infeed: 1~ |
| Length of connection cable | 3 m |
| Type of electrical connection | CEE |
| Directives | EMC directive 2014/30/EU Low Voltage Directive 2014/35/EU |
| Operating temperature range | 5 °C...45 °C |
| Ambient humidity (non-condensing) | 5...95 % |
| Storage temperature range | -5 °C...60 °C |
| To fit | Enclosure type: VX IT enclosure frame: ≥ 1,800 mm Enclosure type: TX Colocation Rack: ≥ 1,800 mm |
| Packs of | 1 pc(s). |
| Net weight | 3.5 |
| Gross weight | 3.5 |
| Customs tariff number | 85366990 |
| EAN | 4028177976269 |
| ETIM 9 | EC002762 |
| ETIM 8 | EC002762 |
| ECLASS 8.0 | 27142606 |

Tender text

Rittal PDU local metered Model No.: DK 7979.615
PDU local metered 32A/1P CEE 24xC13 / 6xC19
Compact power distributor for deployment in IT server
and network enclosures.
Robust aluminum housing with permanently
mounted output slots, IEC 60320/C13 or
IEC 60320/C19.
A fixed-mounted connection cable with CEE connector
makes the PDU available for immediate deployment.
The PDU metered has extensive measurement functions
for the current and power monitoring.
The integral TFT colour display enables quick access
to the electrical consumption data.
The warranty for proper operation is 24 months.
Technical specifications PDU local metered:
Input voltage range (L1/N/PE): 230 VAC, 50-60Hz
input current: 32A
No. of phases: 1
Number of slots type IEC 60320/C13 (total): 24
Number of slots type IEC 60320/C13
(per fuse): 12
Number of slots type IEC 60320/C19 (total): 6
Number of slots type IEC 60320/C19
(per fuse): 3
No. of circuit breakers: 2
Hydraulic-magnetic protective circuit-breaker: 16 A
Connector PDU input:
EN 60309 / CEE
Length of connection cable: 3m
Connection cable type: H05VV-F
No. of wires: 3
Cable cross-section: 4 mm²
PDU housing width: 44mm
PDU housing depth: 47mm
PDU housing height: 1308mm
PDU material: Aluminum, painted blue RAL 5010
PDU mounting adaptor included
Measurement functions: Measurement per fuse:
Values recorded (per fuse):
Voltage (V), current (A), frequency (Hz), Power factor,
active energy (kWh), Active power(kW)
Voltage measuring range: 90V - 255V

Voltage resolution 0.1V

Current measuring range 0 - 16A/32A

Current resolution 0.1A

Measuring accuracy typ. $\pm 2\%$

Conformity: CE

Protection category: IP 20

Storage temperature: -20 °C to +60 °C

Ambient temperature: +5°C to +45°C

Ambient humidity <80% rel. humidity, non-condensing

Type: Rittal PDU local metered, Model No.: DK 7979.615