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DK 7979.102 PDU basic

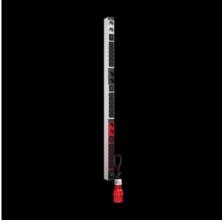
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DK 7979.102 - PDU basic

High-end IT rack power distribution: Robust PDU with compact basic power distribution for the IT environment.







Features

| Model No. | DK 7979.102 |
|---------------------|---|
| Design | 482.6 mm (19") version |
| Product description | Compact basic power distribution. Thanks to the PDU basic, any IT rack can easily be equipped with a professional power distribution system. Depending on the PDU design, horizontal mounting in the 482.6 mm (19") level or vertical mounting (including in the zero-U space) is possible. |
| Benefits | For vertical mounting, it may be attached in the zero-U space of the Rittal VX IT or TS IT rack with no need for tools Colour coding of phases and fuse circuits (L1=pink, L2=black, L3=white) Tool-free divider kit for VX IT |
| Material | Extruded aluminium section, anodised Slots: Plastic |
| Supply includes | Connector lock for IEC C14 and C20 connectors Assembly parts No connection cable, to be provided by the customer. |

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Features

| Options | Type 3 overvoltage protection with interchangeable arresters while operational, with status monitoring, suitable for integration into PDU enclosure Other enclosure colours are available |
|-----------------------------------|---|
| Dimensions | Height: 44 mm Depth: 144 mm Length: 450 mm |
| No. of sockets and type | 8 x C13 |
| Rated operating voltage | 230 V (AC) |
| Rated current (max.) | 16 A |
| Power consumption | 3.7 kW |
| Infeeds | Qty.: 1 Phases per infeed: 1~ |
| Type of electrical connection | IEC C20 |
| Directives | EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU |
| Standards | EN 62368-1 EN 61000-3 EN 61000-4 EN 61000-6 EN 62053-21 |
| Operating temperature range | 5 °C50 °C |
| Ambient humidity (non-condensing) | 1095 % |
| Storage temperature range | -20 °C70 °C |
| To fit | Enclosure type: VX IT enclosure frame: ≥ 800 mm Enclosure type: VX IT 19" mounting angles: ≥ 800 mm Enclosure type: TX CableNet: ≥ 800 mm |
| Packs of | 1 pc(s). |
| Net weight | 1.8 |
| Gross weight | 2 |
| Customs tariff number | 85366990 |
| | |

Features

| EAN | 4028177947351 |
|-----------------|---------------|
| E-Number Sweden | E8407002 |
| ETIM 9 | EC002762 |
| ETIM 8 | EC002762 |
| ECLASS 8.0 | 27142604 |

Approvals

Explanations

Declaration of conformity

Tender text

Rittal PDU basic, Model No.: DK 7979.102

Compact power distributor for deployment in IT server and network enclosures. Robust aluminium housing with permanently mounted output slots, IEC 60320/C13 or IEC 60320/C19 as well as CEE 7/3 (earthing-pin) and BS 1363 (UK), depending on the type. (see below for details). The IEC C13 / C19 output slots can be protected with a lock against unintentional removal of the connectors. Unused slots can be closed with slot covers available as accessories. This precludes an unintentional overloading of individual phases an circuits. The fuse circuits and phases are colour-coded for multiphase PDU variants. A connection cable with IEC C20 or CEE connector appropriate for the variant makes the PDU available for immediate deployment.

The warranty for proper operation is 24 months. Technical specifications basic Input voltage range (L/N/PE): 230 VAC, 50-60Hz

input current: 16A

No. of phases: 1

Marking of phases (3-phase PDU only L1, L2, L3):

Rittal Power Pink, black, white

Number of slots type IEC 60320/C13 (total): 8

Number of slots type IEC 60320/C13

(per phase/fuse): 8

Number of slots type IEC 60320/C19 (total): -

Number of slots type IEC 60320/C19

(per phase/fuse): -

Number of slots type CEE 7/3 (total): -

Number of slots type CEE 7/3 (per phase/fuse): -

No. of circuit brakers: -

Hydraulic-magnetic protective circuit-breaker: 16 A

Connector PDU input: EN 60320 / IEC C20

PDU housing width: 450mm PDU housing depth: 144mm

PDU housing height: 44mm (1HU)

PDU material: Aluminium, anodised, in RAL 9005 (black),

other colours available on request

PDU mounting adaptor (VX IT / TS IT)-Mounting options: Frame+Frame+Zero-Uspace+cable route, fuse monitoring

Conformity: CE Standards:

Safety: EN 62368 EMC: EN 55022 / B

EN 61000-4-2 EN 61000-4-3 EN 61000-6-2

EN 61000-6-3

Low Voltage Directive: 2014/35/EU

EMC Directive: 2014/30/EU MTBF (at 40°C) 100.000 hours

Protection category: IP20 (EN 60529)

Protection class: Class 1

Pollution degree: 2 Overvoltage category: II

Environmental properties: 2011/65/EU (RoHS 2), WEEE

Storage temperature: -20 °C to +70 °C Ambient temperature: +5°C to +50°C

Ambient humidity 10 - 95% rel. humidity, non-condensing Operating altitude (max. above mean sea level): 3000 m

Connector lock for C14 and C20 connectors:

1x (further connector locks optional - DK 7979.020)

Covers C13 (optional accessory): DK 7955.010 Covers C19 (optional accessory): DK 7955.015

Warranty: 24 months

Type: Rittal PDU basic, Model No.: DK 7979.102

PDU Basic 16A/1P IEC 20 8xC13