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DK 7979.103

PDU basic

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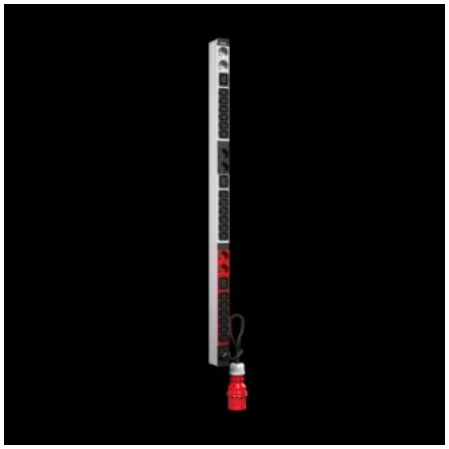
DK 7979.103 - PDU basic

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







Features

Model No.	DK 7979.103
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
Options	Type 3 overvoltage protection with interchangeable arresters while operational, with status monitoring, suitable for integration into PDU enclosure Other enclosure colours are available

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Features

Dimensions	Height: 44 mm Depth: 144 mm Length: 450 mm
No. of sockets and type	8 x earthing-pin, type F, CEE 7/3
Rated operating voltage	230 V (AC)
Rated current (max.)	16 A
Power consumption	3.7 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
Standards	EN 62368-1 EN 61000-3 EN 61000-4 EN 61000-6 EN 62053-21
Operating temperature range	5 °C...50 °C
Ambient humidity (non-condensing)	10...95 %
Storage temperature range	-20 °C...70 °C
To fit	Enclosure type: VX IT enclosure frame: ≥ 800 mm Enclosure type: VX IT 19" mounting angles: ≥ 800 mm Enclosure type: TX CableNet
Packs of	1 pc(s).
Net weight	2.5 kg
Gross weight	2.78 kg
Customs tariff number	85366990
ETIM 9	EC002762
ETIM 8	EC002762

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Features

ECLASS 8.0	27142604
Product description	DK PDU basic, compact basic power distribution, WHD: 44x450x144, CEE 7/3: 8 x earthing-pin, 230 V, 1~, 16 A

Approvals

Explanations	Declaration of conformity

Tender text

Rittal PDU basic, Model No.: DK 7979.103

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 wicht 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.

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): -
Number of slots type IEC 60320/C13
(per phase/fuse): -
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): 8
Number of slots type CEE 7/3 (per phase/fuse): 8
No. of circuit brakers: -
Hydraulic-magnetic protective circuit-breaker: 16 A
Connector PDU input:
EN 60309 / CEE (L+N+PE, 6h)
Length of connection cable: 3m
Connection cable type: H05-VV
No. of wires: 3
Cable cross-section: 2,5 mm²
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+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
Type: Rittal PDU basic, Model No.: DK 7979.103