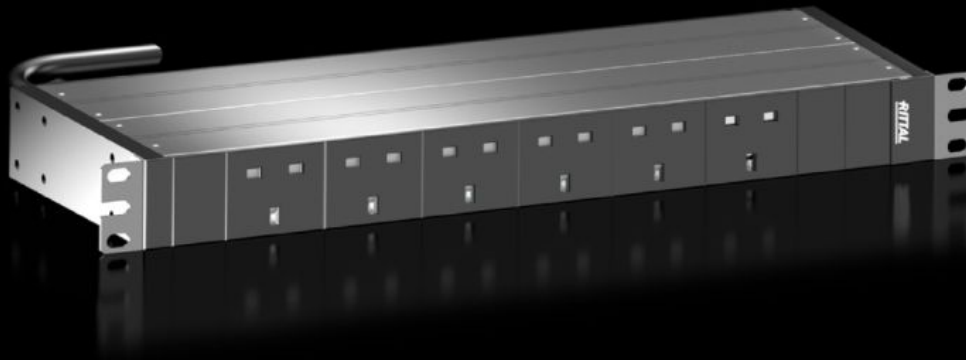


# Rittal – The System.

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## DK 7979.801 PDU UK basic

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ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# DK 7979.801 - PDU UK basic

The power distributor is specifically designed for data centres and free-standing racks with UK (BS 1363) connectors.

## Features

Model No.	DK 7979.801
Design	482.6 mm (19") version
Product description	High-end power distribution in a compact design for IT network and server racks. Depending on the design, they come with an extensive range of management functions for energy measurement and monitoring.
Benefits	Tool-free divider kit for VX IT Power-saving design, minimal intrinsic power consumption
Technical specifications	Colour coding of phases and fuse circuits (L1=pink, L2=black, L3=white)
Material	Aluminium section, black anodised Slots: Plastic
Supply includes	Assembly parts
Options	Type 3 overvoltage protection with interchangeable arresters while operational, with status monitoring, suitable for integration into PDU enclosure 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	6 x BS 1363
Sockets	6 x BS 1363
Rated current (max.)	13 A
Power consumption	3 kW

# Features

Infeeds	Qty.: 1 Phases per infeed: 1~
Length of connection cable	3 m
Type of electrical connection	UK
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	-25 °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: ≥ 800 mm
Packs of	1 pc(s).
Net weight	1,7 kg
Gross weight	2,8 kg
Customs tariff number	85366990
ETIM 9	EC002762
ETIM 8	EC002762
ECLASS 8.0	27142604
Product description	DK PDU UK basic, compact basic power distribution, WHD 450x44x144 mm, 6xBS 1363, 230 V, 1~, 13 A

# Approvals

# Approvals

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Explanations

Declaration of conformity

## Tender text

Rittal PDU Basic UK Model No.: DK 7979.801

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 and 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: 13A

No. of phases: 1

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

Rittal Power Pink, black, white

Number of slots type BS1363 (total): 6

No. of circuit breakers: -

Hydraulic-magnetic protective circuit-breaker: 16 A

Connector PDU input: BS1363

Length of connection cable: 3m

Connection cable type: H05-VV

No. of wires: 3

Cable cross-section: 1,5 mm<sup>2</sup>

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-Uospace+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 7979.801