

# Rittal – The System.

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## DK 7859.222

## PSM socket modules

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FRIEDHELM LOH GROUP



# DK 7859.222 - PSM socket modules

The various modules may be inserted into the support rail in any combination.



## Features

Model No.	DK 7859.222
Design	switchable with individual current measurement per slot
Product description	The modular system facilitates basic configuration of the racks, thanks to a vertical support rail with single-/3-phase infeed. The various socket modules to supply the active components may be snap-fitted into the support rail. The various modules, earthing pins, IEC320 etc. may be inserted into the support rail in any combination. This is easily achieved, even by non-electricians, thanks to the shock hazard protected plug & play system.
Material	Section: Aluminium, anodised Socket inserts: Plastic (PA6 GF 30 V1)
Length	250 mm
Thermal overcurrent protection	per socket module
Rated operating voltage	110 V – 230 V AC, 50/60 Hz
Rated current (max.)	16 A
Required number of module slots	2
Dimensions	Length: 250 mm
Operating temperature range	5 °C...45 °C
Ambient humidity (non-condensing)	5...95 %

# Features

Sockets	8 x IEC 320 socket C13
Packs of	1 pc(s).
Net weight	1.039
Gross weight	1.08
Customs tariff number	85369001
EAN	4028177617223
ETIM 9	EC000330
ECLASS 8.0	27142604

# Approvals

Explanations	Declaration of conformity
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# Tender text

## Rittal Power System Module

Active PSM module with 8 x C13 slots for plugging in a Rittal PSM busbar. The module occupies two slots and up to 3 modules may be installed in a 2 m PSM busbar and up to 2 modules in a 1.2 m bar. Combined population of different modules is also supported. IP-compatible in conjunction with the CMC-TC system. The module may be connected to the Rittal CMC-TC enclosure monitoring system via RJ-45 connectors allowing the monitoring of the module and switching and measuring of each individual slot. The modules are cascable with up to 16 modules administered via one IP address. Control is made via the Web interface of the Rittal CMC-TC system. The module has a two-digit 7 segment LED display that indicates the various current measurement values. In addition each individual port has two three-coloured LED displays. The LEDs indicate the current status of load on the respective slot. For this the LEDs may change between the colours green, amber and red. The threshold values of the display may be configured via the CMC. An additional power pack (DK 7201.210) is necessary when operating the module without connection to the CMC-TC. Up to 4 modules may be operated with one power pack. In this configuration the slots are not switchable and the LED display serves as local current display.

Technical specifications: Dimensions: W x H x D: 50 x 500 x 45 mm  
Operating temperature: +5 to +45°  
Ambient humidity: 5 to 95 % rel. humidity  
Protection category: IP 20

Connections: 8 x IEC 60 320 C13

Material: Aluminium section with black plastic cover

Supply includes:

1 active PSM module

Bus cable

Packs of 1