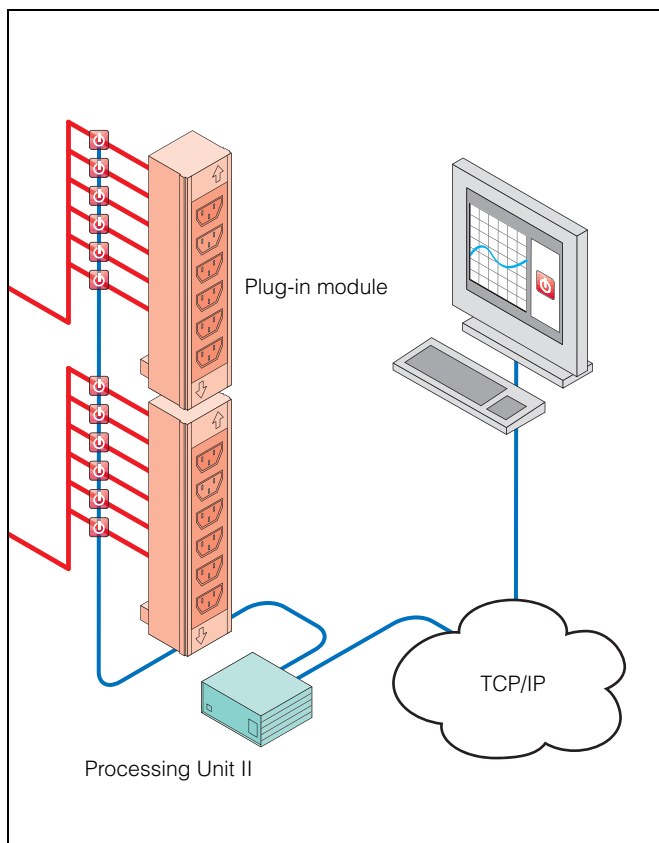


Rittal – PSM/PCU system



Intelligent power management

Switching and measuring at individual server level



During times of rising energy costs, operators need to stay constantly aware of the latest performance data of their hardware. With this in mind, Rittal has extended its range of active PSM modules with switching option to include the feature of current measurement per outlet slot. This supports targeted data logging and response down to individual equipment level.

Features of the active PSM/PCU modules in conjunction with the CMC-TC

- 2-digit local LED 7-segment current display for total and individual current values.
- Individual current measurement per slot with limit configuration via CMC-TC web interface.
- LED colour code for load assessment per module/slot.
- SNMP switching option via the network.
- Up to 16 modules via a joint web interface under one IP address.
- Monitoring of the current per module and outgoing slot.
- Limits may be freely configured.
- The 8 individual slots of the module may be switched separately in conjunction with the CMC-TC. May also be linked to other CMC-TC alarm messages.
- Alarm messages are additionally indicated by flashing LEDs.

Model No.	Type/Slots on PSM busbar	Designation/ pin pattern	No. of slots	Switchable outputs	Administration via IP/SNMP	Individual current measurement
7859.120	PSM plug-in module/1 slot	IEC 60 320 C13	6	no	no/fixed limit values 7 A/13 A	no/per module
7859.130	PSM plug-in module/1 slot	IEC 60 320 C19	4	no	no/fixed limit values 7 A/13 A	no/per module
7859.212	PSM plug-in module/2 slots	Earthing-pin/C13	4/2	yes	yes/via CMC-TC system	yes/limit values may be set
7859.222	PSM plug-in module/2 slots	IEC 60 320 C13	8	yes	yes/via CMC-TC system	yes/limit values may be set
7859.232	PSM plug-in module/2 slots	IEC 60 320 C19/C13	4/2	yes	yes/via CMC-TC system	yes/limit values may be set
7859.215	PCU 19" mounting	Earthing-pin/C13	4/2	yes	yes/via CMC-TC system	yes/limit values may be set
7859.225	PCU 19" mounting	IEC 60 320 C13	8	yes	yes/via CMC-TC system	yes/limit values may be set
7859.235	PCU 19" mounting	IEC 60 320 C19/C13	4/2	yes	yes/via CMC-TC system	yes/limit values may be set

Note:

A PSM busbar (e.g. 7856.020) is required to be able to use the PSM modules. Corresponding information can be found in Rittal Catalogue 32, from page 789.

A CMC-TC system is required for control and remote monitoring of the managed modules via TCP/IP. The CMC Processing Unit permits the administration of up to 16 modules. Corresponding information can be found in Rittal Catalogue 32, from page 809.

All relevant information is also to be found on the Internet at: www.rittal.com



Ingeniously simple: Optical load indicators

An immediate overview of phase loads at all times. No more worries about unnoticed overloading or unbalanced power distribution in the rack.

PSM plug-in module/19" PCU

Modules for the Rittal PSM busbar system or for mounting on either the 19" level or enclosure frame. In conjunction with Rittal CMC-TC, the managed modules offer further convenient functions. These include event-controlled switching of the outputs and current measurements for individual sockets.

The switchable modules also feature sequential reconnection after a power failure. Versions are available for all the important connector types used in the data centre.

