Knürr DIS – Multiple Socket Outlets

Sturdy multiple socket outlets with useful features

New features

- Additional external certification marks for use of PDU in domestic areas.
- Standard mechanical profile for max. 3x32 A supply supporting simple, space-saving installation.
- Metering modules which display electrical values local or call them up remotely.
- Three-colored LED for rapid fault localization on site with local measured value display.
- External earth connection for all models for installation according to IEC 60950.

As far as power distribution is concerned, the DI-STRIP® product group fulfills the requirements of many applications in IT network technology, laboratories, industry and domestic areas.
Available with different accessories including circuit breaker, overvoltage protection, mains filter, master-slave function, emergency stop control, fault current circuit breaker, local and remote metering.

Overview: Vertiv Knürr DIS for Europe



Features	DI-STRIP® I	DI-STRIP® D	DI-STRIP® E
Local Display	■	■	
Remote Interface	■		
Metering per Phase	■	■	
Metering Parameters	A, V, W, kWh, VA, Hz, power factor	A, V, W, kWh, VA, Hz, power factor	
Input	1 ph + 3 ph max. 32 A	1 ph + 3 ph max. 32 A	1 ph + 3 ph max. 32 A
Outputs	IEC C13 & C19 Schuko, France Switzerland	IEC C13 & C19 Schuko, France Switzerland	IEC C13 & C19 Schuko, France Switzerland

The DI-STRIP model range has been successfully represented on the market for over 20 years.
The latest technology coupled with the long-term experience of our international team enables us to respond to new requirements as effectively as possible.

Closed rolled steel sheet
providing a high degree of stability and torsional stiffness

Continuous brass bus bars
for safe power transmission in a wide range of models

Different colored labels
for the different phases and optimum distribution of plug-in positions over the entire cabinet supporting rapid installation.

International socket systems
For increased flexibility (IEC, Schuko, France, Switzerland, etc.)

Three-color status LED (green, orange, red)
for rapid on-site fault localization.

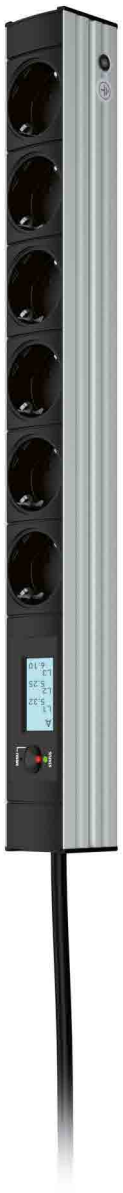
Clear LED Display
For local metering of all electrical values.

External earth connection,
a requirement for many installations according to the IEC 60950 standard.

Additional external certification marks for all models
GS (safety approved), BG (component tested).

General features

- High degree of stability and torsional stiffness thanks to steel sheet, ideal for rough industrial requirements.
- Optimum conductivity: Continuous brass bus bars in many models.
- Double spring contacts for contact safety and minimal transfer resistance.
- Additional external certification marks from accredited testing institutes such as GS (safety approved) and / or BG (component tested) for each model guarantee optimum electrical safety
- One of the most compact PDU on the market with dimensions of 44.4 x 45.5 mm offering space-saving potential even in a 600 mm wide rack.
- Optimum distribution of phases through the entire cabinet with different colored labeling of the individual phases.
- Up to 48 connection possibilities per PDU allowing for short cable runs between the PDU and the devices.
- Simple, quick vertical and horizontal assembly on the cabinet (19" / 1U) resulting in cost savings in terms of assembly and cabling.



Metering module features

- Clear local displays of all electrical values.
- Remote interface for remote detection and configuration of the DI-STRIP I.
- Monitoring of the asymmetric load which prevents the overloading of the supply cable in a 3-phase supply.
- Optimum load supervision during the installation of the server, an LED with a traffic light function immediately indicates the status of the power distribution (DI-STRIP D).
- Rotating power display in 90° stages.
- Automatic reduction of background lighting reducing the power loss in the multiple socket outlet.

AMBIENT CONDITIONS	
Ambient temperature	Operating temperature: 0° C - 50° C Storage temperature: -20° C - 85° C
Relative humidity	10 ... 90 %
Operating height	max. 2000 m

MEASUREMENT ACCURACY	
Voltage U	+/- 1 %
Power I	+/- 1.5 % for I = 1..10 % nominal current, +/- 1 % for I = 10..100 % nominal current
Power ratings P, Q, S	+/- 2 %
Energy / electricity consumption	+/- 2 %
Power factor	+/- 1 %
Frequency	+/- 1 %

TRIGGERING OF LOCAL DISPLAYS (DI-STRIP I AND DI-STRIP D)	
Power	0.01 A
Voltage	0.1 V
Power rating	0.01 kW 0.01 kVA
Energy	0.1 kWh / MWh / GWh
Power factor	0.01
Frequency	0.01 Hz

Remote management (DI-STRIP I)

- HTTP, HTTPs
- IPv4, IPv6, SNMP v1,2,3
- Syslog, NTP, CLI (Telnet, SSH), Modbus RTU

Standards

The DI-STRIP was developed according to the relevant sections of the following documents.

Europe
- CE labeling: Low voltage directive 2014/35/EU, EMC directive 2014/30/EU, RoHS directive 2011/65/EC
- Bureau Veritas BG certificate (manufacturing inspection)
- Bureau Veritas CB certificate
- VDE GS certificate (for a large number of models)

Dimensions

- Width + Depth: 44.40 mm x 45.50 mm
- Length: variable depending on model

Scope of delivery

- DI-STRIP multiple socket outlets
- Mounting set
- Safety instructions
- User manual

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