

HIGH DENSITY POWER DISTRIBUTION

by knürr

www.knuerr.com

BladePower®



**Redundant Power Supply
Distribution for Blade- and
Rack Servers 22 kVA,
1x32 A and 3x32 A with
Individual Fusing**



knürr
environments for electronics

New: 3-Phase DI-STRIP®

BladePower®

A new generation of the power distribution units of the DI-STRIP® range now ensures even more power: **BladePower®** for fail-safe power supply distribution in network racks.

Increasingly greater packing densities and therefore constantly increasing energy requirements in server racks caused by blade servers or 1 U rack servers will now be handled electro technically:

Up to 35 kW dissipated heat can be removed from modern CoolTherm® server racks. But how is the necessary power supplied into the rack, which can cause such power losses?

The **BladePower®** (3x32 A) optimally distributes the required power over the entire rack, with connection of up to 15 consumers possible in the highest configuration level. 192 A can be supplied to the rack with redundant feed via the **BladePower®**.

DI-STRIP® BladePower® Strong Points

- **Cost-Effective**
Simple and quick installation on the server rack's extrusion. Cost reduction in installation and wiring.
- **Supply**
 - Single-phase 32 A and three-phase 32 A.
 - ≤22 kVA
 - Ideal for implementing redundancy (e.g. 192 A).
- **Crystal Clear Assignment**
Unmistakeable phase assignment through colour-coding (L1, L2, L3).
- **Installation**
Optimum distribution of Blade Centre supply with simple installation of power distribution unit (PDU).
- **Availability**
Prevention of „Single Point of Failure“ with individual fusing.
- **Certification**



DOS20153



DOS20155

DI-STRIP® BladePower® Technical Data

- IEC 320 sockets (10 A and 16 A).
- Individually fused via thermal circuit breaker that can be reset in acc. with IEC600934.
- Cable: H05VV-F 5G 4 mm².
- Cable: 4 m.
- With IEC60309 plug.

- **Material / Finish**
Casing: Sheet steel, zinc passivated, powder-coated
- **Dimensions**
Height: Approx. 60 mm.
Casing width: 84 mm
- **Colour**
Casing: RAL 9005, black

- **Approvals**
CE label in accordance with low potential guideline 73/23/EWG, EMC guideline 89/336/EWG, GS Certificate, CSA Certificate.
- **Load Rating**
240/415 V, 1x 32 A, 3x 32 A, Euro module 10/16 A
- **Supply Schedule**
1 socket strip (PDU)
2 mounting brackets
1 19" mounting bracket
1 operating instructions.

L	S	n	F1	F2	19"	Model	Order no.	UP
375		5	●		●	BladePower® PDU 1x 32 A	03.630.005.1	1 Piece
740		15	●			BladePower® PDU 3x 32 A	03.630.015.1	1 Piece



Dimensions in mm:
L = Length, S = Switch, n = Number of sockets,
F1 = Standard side piece, F2 = Design side piece,
19" = Suitable for 19" installation,
UP = Unit of packaging



Note:

For more information on effective high density power distribution see: www.blade-power.com