

19" Rack Systems for Optimum Space-Saving

## 1 HU PDU / HDU Distribution Solutions

### SITE SOLUTIONS







## The Smart Solution for Optimum Rack Efficiency

Grow with Your Requirements

In today's wireless infrastructure solutions space is a valuable asset. Every rack unit counts. Efficient utilization of rack space is key to ensure a future-proof setup.

With Rosenberger's 1 HU Power & Fiber Distribution Solutions, you can make the most of the available space in your 19" rack – without compromising on performance or flexibility. Thanks to the modular architecture, you can tailor your configuration precisely to your needs – whether as a pre-configured system or on site.

Maximum efficiency without unnecessary complexity -our solutions adapt to your evolving demands, ensuring scalable and reliable power and fiber distribution.

Rely on smart and space-saving products that seamlessly integrate into your new or existing infrastructure.

**Maximum efficiency, space-saving, secure, and adaptable to your infrastructure.**

## Rosenberger Site Solutions – Much More Than Technology

The Rosenberger Site Solutions Group designs, manufactures and provides solutions for the wireless infrastructure market. Our products and systems offer innovative and leading-edge designs with focus on high performance and quality. Having an efficient network implementation in mind, we focus on total site kitting, logistics and delivery time leading to reduced cost of ownership.

Globally present, the Rosenberger Site Solutions Group offers extensive local support making Rosenberger Site Solutions a partner instead of just a supplier.



# 19“ 1 HU DC Power Distribution Unit (PDU)

## Key Features

- Flexible Circuit Configuration**

Supports up to 18 circuit breakers, adaptable to your specific power distribution needs.
- Scalable & On-Site Expandable**

Easily add additional or change breakers on-site for maximum flexibility and future-proof expansion.
- High Power Capacity**

Each circuit supports a maximum current of up to 250 A, ensuring reliable performance in line with your requirements.
- Customizable Circuit Design**

Available with one, two, or three independent circuits, providing tailored solutions for all application requirements.
- Integrated Surge Protection (Optional)**

Available with or without Surge Protection Devices (SPD) featuring varistor-based Class 2, 5kA protection for enhanced protection.
- Secure & Protected Installation**

Dummy covers safeguard open slots ensuring a safe setup.
- Enhanced Dust Protection**

Equipped with a brush at the rear cable entry to prevent dust ingress and ensure long-term reliability.



# 19“ 1 HU DC Power Distribution Unit

Portfolio

| No. of Circuits | Circuit  | No. of Circuit Breakers   | SPD   | Max. Current    | Reference (Rosenberger No.) | Product                                 |
|-----------------|--|---|---|-----------------|-----------------------------|---|
| 1               | Single circuit                                   | 18 breakers   | No SPD<br><br>Unit with SPD available on request      | 250 A / circuit | SLPDU100-04                 | <br>Circuit 1                           |
| 2               | Two independent circuits (primary and secondary) | Circuit one: Up to 12 circuit breakers<br>Circuit two: Up to 6 circuit breakers | No SPD  | 250 A / circuit | SLPDU100-00                 | <br>Circuit 1    Circuit 2              |
| 2               | Two independent circuits (primary and secondary) | Circuit one: Up to 12 circuit breakers<br>Circuit two: Up to 6 circuit breakers | Varistor type, class 2, 5kA<br>SPDs protect each line | 125 A / circuit | SLPDU100-01                 | <br>Circuit 1    Circuit 2              |
| 3               | Three independent circuits                       | Each circuit: Up to 6 circuit breakers  | No SPD  | 250 A / circuit | SLPDU100-03                 | <br>Circuit 1    Circuit 2    Circuit 3 |

Note: Breaker adds separately acc. to your needs (see page 8)  
More configurations on request



# 19“ 1 HU Hybrid Distribution Unit (HDU)

## Key Features

- Flexible Circuit Configuration**

Supports up to 6 circuit breakers, adaptable to your specific power distribution requirements.
- Efficient Fiber Management**

Supports up to 12 fiber connections, ensuring seamless integration of power and data transmission.
- Scalable & On-Site Expandable**

Easily add additional or change breakers on-site for maximum flexibility and future-proof expansion.
- High Power Capacity**

Each circuit supports a maximum current of up to 250 A, ensuring reliable performance in demanding environments.
- Integrated Surge Protection (Optional)**

Available with or without Surge Protection Devices (SPD) featuring varistor-based Class 2, 5kA protection for enhanced protection.
- Secure & Protected Installation**

Dummy covers safeguard open slots ensuring a safe setup.
- Enhanced Dust Protection**

Equipped with a brush at the rear cable entry to prevent dust ingress and ensure long-term reliability.



# 19“ 1 U Hybrid Distribution Unit

Portfolio

| No. of Circuits | No. of Circuit Breakers | SPD                         | Max. Current    | No. of Fibers             | No. of Keystones | Rosenberger No.  | Product |
|-----------------|-------------------------|-----------------------------|-----------------|---------------------------|------------------|------------------|---------|
| 1               | Up to 6 breakers        | No SPD                      | 250 A / circuit | Up to 12 fibers (6 x LCD) | -                | SLHDU100-06-00   |         |
| 1               | Up to 6 breakers        | Varistor type, class 2, 5kA | 125 A           | Up to 12 fibers (6 x LCD) | -                | SLHDU100-06-03   |         |
| 1               | 4 x 6A                  | Varistor type, class 2, 5kA | 125 A           | 12 fibers (3 x LC Quad)   | 4 (RJ45)         | SLHDU100-06-02-A |         |

Flexible configuration, please contact us to find the best solution for your requirements

- Up to 6 breakers (see page 8)
- Up to 7 Keystones (RJ45)
- Up to 12 Fibers (6 x LCDor 3 x LC Quad or 7 x E2000)





# Circuit Breakers and Accessories

Factorypre-installation as per your requirements

### Circuit Breakers

| Rosenberger No.                   | Description  |
|-----------------------------------|--------------|
| <a href="#">NDB6AZ-63H/6/1PN</a>  | 6 A, 1 pole  |
| <a href="#">NDB6AZ-63H/10/1PN</a> | 10 A, 1 pole |
| <a href="#">NDB6AZ-63H/16/1PN</a> | 16 A, 1 pole |
| <a href="#">NDB6AZ-63H/20/1PN</a> | 20 A, 1 pole |
| <a href="#">NDB6AZ-63H/25/1PN</a> | 25 A, 1 pole |
| <a href="#">NDB6AZ-63H/32/1PN</a> | 32 A, 1 pole |
| <a href="#">NDB6AZ-63H/40/1PN</a> | 40 A, 1 pole |
| <a href="#">NDB6AZ-63H/50/1PN</a> | 50 A, 1 pole |
| <a href="#">NDB6AZ-63H/63/1PN</a> | 63 A, 1 pole |



### Dummy Cover

| Rosenberger No. | Description |
|-----------------|-------------|
| BSB-SLPDU100    | Dummy cover |



### Cable Management

| Rosenberger No. | Description                      |
|-----------------|----------------------------------|
| SLR010-00       | 19" cable feedthrough with brush |



### Finger Protection Cover

| Rosenberger No. | Description                                     |
|-----------------|---|
| BSB-SLPDU100    | Finger protection cover at the rear of the unit |



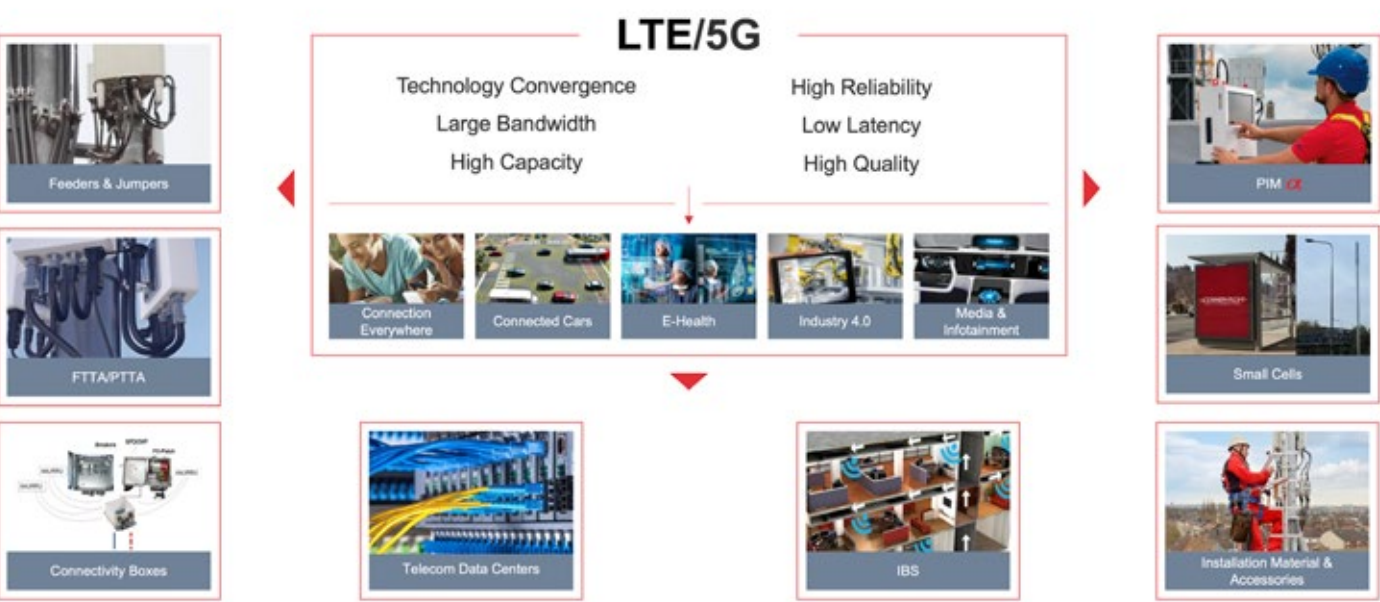
Installed at the rear of the distribution unit

Assembly Instruction





# Rosenberger Site Solutions Product and Solutions Portfolio



# Available Product Catalogs

**Radiating Cables**  
Tunnel and In-Building Applications



**Rosenberger B2ca Cables**



**Site Solutions Catalogue d'Installation (français)**  
Next Generation Site Solutions for All Architectures



**Site Solutions Coaxial Feeder Cables**  
High Performance Transmission Line Solutions



**Site Solutions FTTH & PTTA Catalog**  
Next Generation Site Solutions for All Architectures



**Site Solutions In Building Solutions (IBS)**  
Passive Components for In-Building Coverage



**Site Solutions Installation Catalogue**  
Next Generation Site Solutions for All Architectures



**Site Solutions Installationskatalog (Deutsch)**  
Lösungen für den Mobilfunk Infrastruktur-Markt



**Site Solutions Jumper Cables**  
High Performance Coaxial Jumpers



**Site Solutions TLD Catalog**  
Transmission Line Devices



**Site Solutions TMxS Connectivity**  
Remote Radio Head Installation





## Website

For further informationen please visit us online:  
[www.rosenberger.com/iso](http://www.rosenberger.com/iso)

## Rosenberger

Rosenberger Site Solutions GmbH  
Mayerhofen 45A | 83410 Laufen  
Germany  
Phone +49 8684 18-5000  
[iso@rosenberger.com](mailto:iso@rosenberger.com)  
[www.rosenberger.com/iso](http://www.rosenberger.com/iso)

A member of the Rosenberger group

Order No.  
pA 10222263 · Info514RadiatingFeederFly  
200/2025

Rosenberger® is a registered trademark of Rosenberger Hochfrequenztechnik GmbH & Co. KG.  
All rights reserved.

© Rosenberger 2025