**Brand: Lightbreeze**
**Model:LB-16-V-S-16-B-C314-C92-R**

## Product Overview

The LightBreeze LB-16-V-S-16-B-C314-C92-R is a professional-grade vertical Power Distribution Unit (PDU) designed for server racks, network cabinets, and data center environments. Featuring 16 output ports, RCBO protection, and a heavy-duty industrial input cable, it delivers reliable and safe power distribution for critical IT infrastructure.

## Key Features

- Vertical rack-mount design for efficient rack space utilization.
- 16 total output ports for high-density power distribution.
- 14 × IEC C13 outlets suitable for servers, switches, routers, and networking equipment.
- 2 × IEC C19 outlets for high-power devices.
- Integrated RCBO protection against overload, short circuit, and earth leakage faults.
- Heavy-duty 4.0 mm² power cable for improved current carrying capability.
- 1.8-meter industrial-grade input cable for flexible installation.
- Rugged aluminum construction for long-term durability.
- Suitable for mission-critical IT and telecom applications.

## Techniical Specification

| Parameter | Specification |
|---|---|
| Brand | LightBreeze |
| Model | LB-16-V-S-16-B-C314-C92-R |
| Rated Current (RC) | 16 Amp |
| Mount Type | Vertical |
| Feature Type | Basic |
| Output Ways | 16 |
| Section Type | Single Section |
| Socket Configuration | 14 × IEC C13, 2 × IEC C19 |
| Input Connection | Industrial Plug & Socket |
| Input Cable Size | 4.0 mm² |
| Cable Length | 1.8 Meter |
| Protection | RCBO (Residual Current Breaker with Overcurrent Protection) |
| Operating Voltage | 220–240V AC |
| Frequency | 50/60 Hz |
| Housing Material | Industrial Grade Aluminum Alloy |
| Color | Black |
| Application | Data Centers, Server Rooms, Telecom Racks, Network Cabinets |

## Typical Applications

- Server Racks
- Data Centers
- Network Cabinets
- Telecom Infrastructure
- Industrial Control Systems
- Enterprise IT Environments

## Protection System

| Protection Type | Function |
|---|---|
| RCBO | Combined residual current and overcurrent protection |
| Overload Protection | Yes |
| Short Circuit Protection | Yes |
| Earth Leakage Protection | Yes |