

# Data Sheet

## Power Supply 24 V DC (HDXXX24)

HDN1524 HDR1524 HDN2424 HDR3024 HDN6024  
HDR6024 HDN9024 HDR10024 HDR10024N



**Features**

- 24 V power supply
- DIN-rail mounting
- UVP (under-voltage protection), OCP (over current protection), SCP (short circuit protection) and OVP (over-voltage protection)
- 3 years warranty
- Customization of OEM is welcomed

## Specification

| Redisage PN |                  | HDN1524               | HDN2424     | HDN6024 | HDN9024 |
|-------------|------------------|-----------------------|-------------|---------|---------|
| Output      | Rated voltage    | 24 V                  |             |         |         |
|             | Rated current    | 0.63 A                | 1 A         | 2.5 A   | 3.83 A  |
|             | Rated power      | 15 W                  | 24 W        | 60 W    | 90 W    |
|             | Adjustment range | 23-25 V               | 22.8-25.2 V |         | 23-25 V |
|             | Ripple           | 150 mVp-p             |             |         |         |
|             | Type             | CV (constant voltage) |             |         |         |
|             | Efficiency       | > 85%                 | > 79%       | > 88%   | > 89%   |
|             | Protection       | OCP, SCP, OVP         |             |         |         |



| Redisage PN            |                           | HDN1524      | HDN2424      | HDN6024      | HDN9024      |
|------------------------|---------------------------|--------------|--------------|--------------|--------------|
| Input                  | Voltage range             | 100-240 VAC  |              |              |              |
|                        | Frequency range           | 47-53 kHz    |              |              |              |
|                        | No load power consumption | 0.25 W       |              | 0.35 W       |              |
|                        | Protection                | OVP, UVP     |              |              |              |
| Temperatures           |                           | 0°C to +40°C |              |              |              |
| Mounting and enclosure |                           | DIN rail, 1M | DIN rail, 2M | DIN rail, 3M | DIN rail, 4M |

| Redisage PN |                           | HDR1524                  | HDR3024 | HDR6024 | HDR10024 | HDR10024N |
|-------------|---------------------------|--------------------------|---------|---------|----------|-----------|
| Output      | Rated voltage             | 24 V                     |         |         |          |           |
|             | Rated current             | 0.63 A                   | 1.5 A   | 2.5 A   | 3.83 A   | 4.2 A     |
|             | Rated power               | 15 W                     | 36 W    | 60 W    | 92 W     | 100.8 W   |
|             | Adjustment range          | 21.6-29 V                |         |         |          |           |
|             | Ripple                    | 150 mVp-p                |         |         |          |           |
|             | Type                      | CV (constant voltage)    |         |         |          |           |
|             | Efficiency                | 86%                      | 89%     | 90%     |          |           |
|             | Protection                | OCP, SCP, OVP            |         |         |          |           |
| Input       | Voltage range             | 85-264 VAC / 120-370 VDC |         |         |          |           |
|             | Frequency range           | 47-63 kHz                |         |         |          |           |
|             | No load power consumption | < 0.3 W                  |         |         |          |           |
|             | Protection                | OVP, UVP                 |         |         |          |           |



| Redisage PN            | HDR1524        | HDR3024      | HDR6024      | HDR10024     | HDR10024N |
|------------------------|----------------|--------------|--------------|--------------|-----------|
| Temperatures           | -30°C to +70°C |              |              |              |           |
| Mounting and enclosure | DIN rail, 1M   | DIN rail, 2M | DIN rail, 3M | DIN rail, 4M |           |

# Additional notes

| Related information and links        |                             |                                  |
|--------------------------------------|-----------------------------|----------------------------------|
| <a href="#">Ordering information</a> | <a href="#">Accessories</a> | <a href="#">Similar products</a> |

# Products family sample photo



<https://redisage.com>

## DISCLAMER NOTES

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

## Datasheet-ID:

SR-D

Revision #9  
Created 4 April 2024 13:11:51  
Updated 26 July 2024 14:48:32 by Jan Górski