

# Power Supply 24 V DC

**HDN1524, HDR1524, HDN2424, HDR3024, HDN6024, HDR6024, HDN9024, HDR10024 & HDR10024N Power Supplies 24 V DC documentation**

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# 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:

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