Data Sheet

Power Supply 12 V DC (HDXXX12)

HDN1512 HDR1512 HDN2412 HDR3012 HDN5412 HDR6012 HDN9012 HDR10012 HDR10012N



Features

- 12 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		HDN1512	HDN2412	HDN5412	HDN9012
Output	Rated voltage	12 V			
	Rated current	1.25 A	2 A	4.5 A	7.1 A
	Rated power	15 W	24 W	54 W	90 W
	Adjustment range	11-13 V	11.4-12.6 V		11-23 V
	Ripple	150 mVp-p			
	Type	CV (constant voltage)			
	Efficiency	83%	> 85%	> 86%	> 89%
	Protection	OCP, SCP, OVP			

Redisage PN		HDN1512	HDN2412	HDN5412	HDN9012
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		HDR1512	HDR3012	HDR6012	HDR10012	HDR10012N
Output	Rated voltage	12 V				
	Rated current	1.25 A	2 A	4.5 A	7.1 A	7.5 A
	Rated power	15 W	24 W	54 W	85.3 W	90 W
	Adjustment range	10.8-13.8 V			12-13.8 V	
	Ripple	120 mVp-p				
	Type	CV (constant voltage)				
	Efficiency	85%	88%			
	Protection	OCP, SCP, OVP				
Input	Voltage range	85-264 VAC / 120-370 VDC				
	Frequency range	47-53 kHz	47-63 kHz			
	No load power consumption	< 0.3 W			0.35 W	< 0.3 W
	Protection	OVP, UVP				

Redisage PN	HDR1512	HDR3012	HDR6012	HDR10012	HDR10012N
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		
Ordering information	Accessories	Similar products

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

Created 2024-04-04 12:17:00 UTC
Updated 2024-07-26 14:48:19 UTC