TECHNICAL SPECIFICATION

ATREYO®
SOLUTIONS THAT SIMPLIFY

10W Power Supply with high voltage range

APS-10W-SF -528



Features

- Wide input voltage from 85V to 528V
- 24/12/5V DC 10W output
- Short circuit protection
- Over Voltage protection
- DIN rail mounting
- Small size

The APS-10W-SF-528 is single phase 10W power supply dedicated to use in application that need continue power source for IoT, Industrial controls, gateways, electrical panel controls etc. This model has an increased input voltage range and can be used up to 528V AC.

The APS-10W-SF-528 is available with 5V, 12V and 24V DC.

Description	Parameter
General	
Class	Class II power supply
Efficiency	Approx 82%
Cooling	Free air convection
Power Input	
Phase	Single phase
Voltage between phase and N	85-528V AC
Connector	2 pin screw terminal block
Protection	Fuse and MOV
No load consumption	<0.1W
Output	
Output type	DC
Voltage	5/12/24V[1]
Power	10W max.
Connector	2 pin screw terminal block
Over-current	≥110% I_o, self-recovery

Description	Parameter
protection	
Short circuit protection	Hiccup, continuous, self-recovery and output fuse
ESD protection	15kV
Voltage accuracy	±5.0 %
Line regulation	±1.5 %
Load regulation	±3 %
Indicators	
Power ON	1 green LED
Physical Characteristics	
Installation	DIN rail
Housing	ABS
Weight	g
Dimensions	45mm x 75mm x 50mm
Environmental Specification	
Operating Temp.	-25 ~ 70°C (-13 ~ 158°F)
Storage Temp.	-40 ~ 85°C (-40 ~ 176°F)
Ambient RH	5% to 95% (non-condensing)

1 See model selection chart

Selected model list

Models	Hardware information			Extra informations
APS-10W-SF-528	Output Voltage			
	5V	12V	24V	
APS-10W-SF-528-05	√			
APS-10W-SF-528-12		√		
APS-10W-SF-528-24			√	

For more details scan or click on QR code

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