



SWITCHED-MODE POWER SUPPLY 24 V / 8 A

Application: Renewable energies

- Input 1: 95 – 265 VAC, 47 – 63 Hz or
Input 2: 150 – 400 VDC
- Degree of efficiency 90 %
- Output voltage range 24 VDC ± 1 %
- Stability in accordance with EN 50082-1/-2
- Sustained short circuit-proof and open circuit-proof
- Weight approx. 2.0 kg
- Safety in accordance with VDE 0805 / EN 60950
- Radio interference suppression in accordance with
EN 55011 Class A / EN 61000-3-2 / EN 50082-1-2

SWITCHED-MODE POWER SUPPLY 24 V / 8 A

Application: Renewable energies

- Input 1: 95 – 265 VAC, 47 – 63 Hz or
Input 2: 150 – 400 VDC
Diode decoupling or potential isolation
required if both sides are used
- Degree of efficiency 90 %
- Output voltage range 24 VDC ± 1 %
- Stability in accordance with EN 50082-1/-2
- Sustained short circuit-proof and open circuit-proof
- Weight approx. 2.0 kg
- Power fail signal (inputs)
- Safety in accordance with VDE 0805 / EN 60950
- Radio interference suppression in accordance with
EN 55011 Class A / EN 61000-3-2 / EN 50082-1-2



Technical data	
Input	
Input voltage 1	95 – 265 VAC, 47 – 63 Hz
Input current 1	0.975 A at 230 VAC / 1.4 at 150 VAC
Input voltage 2	150 – 400 VDC
Input current 2	0.98 A at 400 VDC / 1.45 at 150 VDC
Inrush current	< 30 A
Typical degree of efficiency	90 %
Output	
Output voltage	24.0 VDC ± 1 %
Typical adjustment range	22.0 – 28.0 VDC
Direct current output	0 – 8 A
Typical current limit	9 A
General	
Hold-up time	> 5 ms / 400 V
Weight	2.0 kg
Ambient temperature	-10 – 70° C with natural convection Derating above 50° C – 2.5 % per kelvin up to max. 70° C
Degree of protection	IP 20
Fastening	Mounting on rear wall / heat sink implemented with separate seal
Connection	Plug-in screw connector

Order data	
Part no.	Order text
149001-51035	Primary switched-mode regulator, customer-specific 24 VDC / 8 A

Dimensions [mm]	
W x D x H	123 x 205 x 65

