

COMPETENT CHAMAELEO Primary Switched-Mode Regulator (€)



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PRIMARY SWITCHED-MODE REGULATOR 24 V / 5 A

120 W – Built-in power supply

- Wide input range 92 – 265 VAC
- Adjustable output voltage range
- Very slim design
- Protected against continuous short circuit and non-load operation
- Weight approx. 0.65 kg
- “On” indicator (LED)
- Connection via Push-In spring terminals
- Vertically mounted on DIN rail
- No-load losses typically 0.5 W
- Safety according to EN 60950-1
- Active PFC according to EN 61000-3-2
- RFI suppression according to EN 61000-6-1 / -2
- Noise immunity according to EN 61000-4-3 / -4 / -5 / -6

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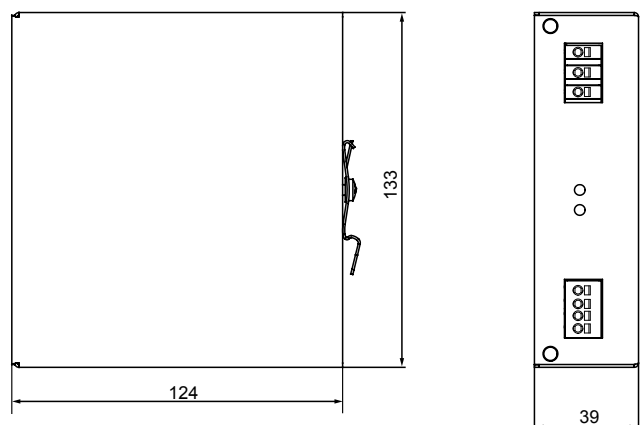
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Technical data	
Input	
Nominal voltage	105 – 250 VAC 47 – 63 Hz
Input voltage range	92 – 265 VAC
Nominal input current	0.65 A at 230 VAC / 1.20 A at 120 VAC
Inrush current	$I < 32$ at $U_{in} = 265$ VAC
Fuse	T 3.15 A
Power factor	0.90 capacitive at 230 VAC 0.96 capacitive at 120 VAC
Output	
Output voltage	24 VDC $\pm 1\%$
Typical adjustment range	24 – 30 VDC
Output current	0 – 5 A
Ripple	< 50 mV _{pp}
Current limit typically	5.5 A
Efficiency typically	90 % at 230 VAC
Hold-up time	> 40 ms / 230 VAC > 30 ms / 120 VAC
General	
Weight	0.65 kg
Temperature range	-10°C – 70°C with free convection, from 55°C derating, 2.5% / K
Storage temperature	-40°C – 85°C
Relative humidity	$\leq 95\%$, non-condensing, in accordance with IEC 60664
Protection type	IP 20
Protection class	I with PE

Dimensions [mm]	
W x H x L	39 x 133 x 124



Ordering data	
Part no.	Order text
149001-51071	Primary switched-mode regulator 24 V / 5 A