

COMPETENT CHAMAELEO Primary Switched-Mode Regulator (€)



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PRIMARY SWITCHED-MODE REGULATOR 24 V / 20 A - 1 ph

480 W – Built-in power supply

- Wide input range 90 – 264 VAC
- Adjustable output voltage range
- Compact housing
- Protected against continuous short circuit and non-load operation
- Weight approx. 1.40 kg
- “On” indicator (LED)
- Connection via Push-In spring terminals
- Vertically mounted on DIN rail
- No-load losses typically < 4 W
- Safety according to EN 60950-1
- Active PFC according to EN 61000-3-2
- Noise immunity according to EN 61000-6-3 /-4
- RFI suppression according to EN 61000-6-2
- Temporary boost 40 A / 2 sec
- Power Signal
- LLC technology

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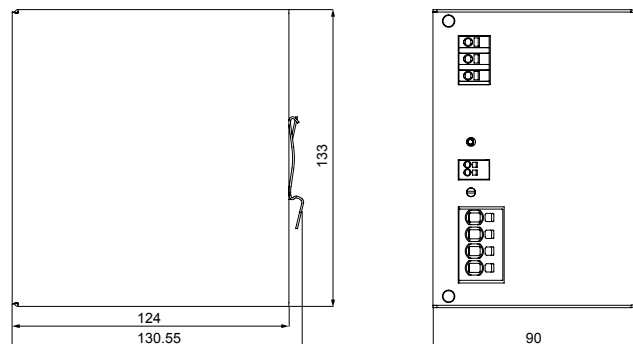
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Technical data	
Input	
Nominal voltage	100 – 240 VAC 47 – 63 Hz
Input voltage range	90 – 264 VAC
Nominal input current	2.3 A at 230 VAC / 4.3 A at 120 VAC
Inrush current	< 20 A
Fuse	T 10 A
Power factor	0.95 capacitive at 230 VAC 0.97 capacitive at 120 VAC
Output	
Output voltage	24 VDC ±2 %
Typical adjustment range	23.5 – 30 VDC
Output current	0 – 20 A, max. 480 W
Ripple	< 100 mV _{pp}
Current limit typically	22 A / 40 A at boost
Efficiency typically	94 % at 230 VAC
Hold-up time	> 25 ms / 230 VAC
General	
Weight	1.40 kg
Temperature range	-25°C – 70°C with free convection, from 50°C derating, 2.5% / K
Storage temperature	-25°C – 85°C
Relative humidity	≤ 95%, non-condensing, in accordance with IEC 60664
Protection type	IP 20
Protection class	I with PE

Dimensions [mm]	
W x H x L	90 x 124 x 133



Ordering data	
Part no.	Order text
149001-61014	Primary switched-mode regulator 24 V / 20 A