



PRIMARY SWITCHED-MODE REGULATOR 24 V / 2 A

48 W – Built-in power supply

- Wide input range 94 – 265 VAC
- Safety according to VDE 0805 / EN 60950 / IEC 950
- High efficiency
- RFI suppression according to EN 55011 / EN 55022 class B
- Noise immunity according to EN 50082-1/-2
- Protected against continuous short circuit and non-load operation
- Connection via screw terminals
- Compact housing
- Weight approx. 0.2 kg
- “On” indicator (LED)
- Mounting on DIN Rail EN 5002-35

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Technical data	
Input	
Nominal voltage	110 – 250 VAC 47 – 63 Hz
Input voltage range	94 – 265 VAC 47 – 63 Hz
DC-Input voltage	135 – 370 VDC
Nominal input current	0.6 A at 230 VAC / 1.1 A at 115 VAC
Switch-on surge current/ inrush current	$I^2t < 1.5 \text{ A}^2 \text{ s}$
Fuse	T 2.5 A / 250 V internal
Power factor $\cos \varphi$	0.45 capacitive at 230 VAC 0.5 capacitive at 115 VAC
Output	
Output voltage	24 VDC $\pm 3 \%$
Adjustment range, typical	–
Output current	0 – 2 A
Ripple	$< 50 \text{ mV}_{pp}$
Current limitation, typical	2.5 A
Parallel operation	Yes
Efficiency, typical	89 %
Hold-up time	$> 70 \text{ ms} / 230 \text{ VAC}$ $> 10 \text{ ms} / 115 \text{ VAC}$

Ordering data	
Part no.	Ordering text
149002-31001	Power supply COMPETENT-COSMO 24 V / 2 A

Dimensions [mm]	
W x H x L	45 x 72 x 105

