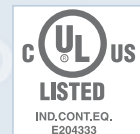


COMPETENT-COSMO Primary switched-mode regulator



PRIMARY SWITCHED-MODE REGULATOR 24 V / 10 A

240 W – Built-in power supply

- Input 115/230 VAC
- Safety according to VDE 0805 / EN 60950 / IEC 950
- High efficiency
- Output voltage range 23 – 27 VDC
- 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 plug connectors
- Compact housing
- Weight approx. 1.2 kg
- “On” indicator (LED)

COMPETENT-COSMO

Primary switched-mode regulator



PRIMARY SWITCHED-MODE REGULATOR 24 V / 10 A

240 W – Built-in power supply

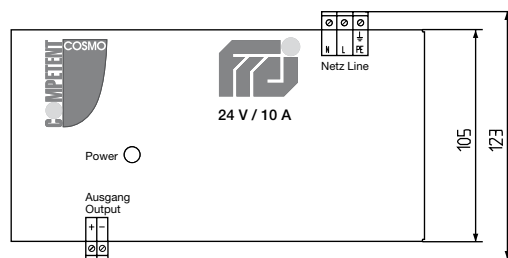
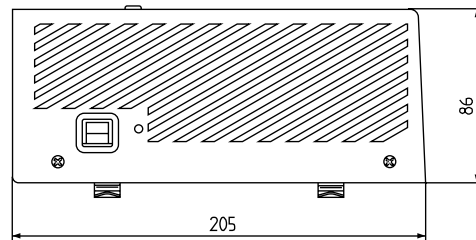
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Technical data	
Input	
Nominal voltage	105 – 125 VAC / 210 – 250 VAC 47 – 63 Hz
Input voltage range	97 – 132 VAC / 195 – 265 VAC 47 – 63 Hz to switch by soldering bridge
DC-Input voltage	275 – 370 VDC (only at 230 VAC)
Nominal input current	4.0 A at 115 VAC / 2.2 A at 230 VAC
Switch-on surge current/ inrush current	< 30 A
Fuse	5 x 20 mm T 6.3 A / 250 V internal
Power factor cos φ	0.52 capacitive at 230 VAC
Output	
Output voltage	24 VDC ±1 %
Adjustment range, typical	23 – 27 VDC
Output current	0 – 10 A
Ripple	< 100 mV _{pp}
Current limitation, typical	12.5 A
Parallel operation	Yes
Efficiency, typical	89 %
Hold-up time	> 15 ms / 230 VAC

Attention:
At 240 W at
adjusting on
27 VDC power
is max. 8.8 A

Dimensions [mm]	
W x H x L	205 x 123 x 86



Ordering data	
Part no.	Ordering text
149001-51101	Power supply COMPETENT-COSMO 24 V / 10 A