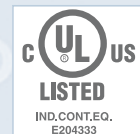


COMPETENT-COSMO Primary switched-mode regulator



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PRIMARY SWITCHED-MODE REGULATOR 24 V / 20 A - 3 PH

480 W – Built-in power supply

- Input 3 x 340 – 550 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, mounted on DIN rail
- Weight approx. 1.9 kg
- “On” indicator (LED)
- Two-phase operation possible but out of UL certification

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Technical data		
Input		
Nominal voltage	3 x 360 – 500 VAC 47 – 63 Hz	
Input voltage range	3 x 340 – 550 VAC 47 – 63 Hz	
DC-Input voltage	480 – 770 VDC	
Nominal input current	3 x 1.5 A at 3 x 400 VAC	
Switch-on surge current/ inrush current	< 50 A	
Power factor cos φ	0.53 capacitive at 400 VAC	
Output		
Output voltage	24 VDC ± 1 %	Attention: At 480 W at adjusting on 27 VDC power is max. 17.7 A
Adjustment range, typical	23 – 27 VDC	
Output current	0 – 20 A	
Ripple	< 100 mV _{pp}	
Current limitation, typical	25 A	
Parallel operation	Yes	
Efficiency, typical	90 %	
Hold-up time	> 5 ms / 400 VAC	

Ordering data	
Part no.	Ordering text
149001-61101	Power supply COMPETENT-COSMO 24 V / 20 A – 3 ph

Dimensions [mm]	
W x H x L	240 x 153 x 86

