



PRIMARY SWITCHED-MODE REGULATOR 13.8 V / 20 A - 3 ph

Application: Agricultural machinery

- Input 3 x 400 VAC \pm 15.0 %, 47 – 63 Hz
- Degree of efficiency 88 %
- Stability in accordance with EN 50082-1/-2
- Sustained short circuit-proof and open circuit-proof
- Connections: Input via 1000 mm cable with cable connector, output plug socket
- Weight approx. 5.7 kg
- Safety in accordance with VDE 0805 / EN 60950
- Radio interference suppression in accordance with EN 55011 Class A / EN 61000-3-2 / EN 50082-1-2



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13.8 V / 20 A – 3 ph

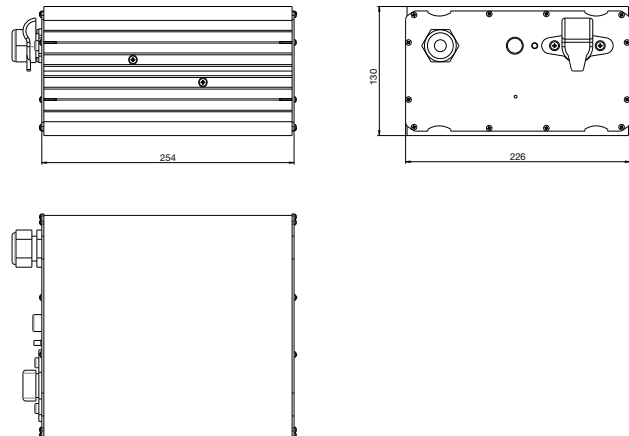
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Technical data	
Input	
Nominal voltage	3 x 340 – 550 VAC, 47 – 63 Hz
Inrush current	35 A at 400 VAC / 45 A at 550 VAC
Typical degree of efficiency	88 %
Output	
Output voltage	13.8 VDC ±1.0 %
Output current	0 – 20 A
Output power	270 W
Current limit	22 A
General	
Hold-up time	> 5 ms / 400 V
Weight	5.7 kg
Ambient temperature	-0° C – 50° C with natural convection, derating above 50° C 2.5 % per kelvin up to max. 70° C
Degree of protection	IP 54
Fastening	Customer-specific aluminium profile for integration into customer application
Connection	Input via 1000 mm cable / output plug socket

Dimensions [mm]	
W x D x H	130 x 254 x 226



Order data	
Part no.	Order text
149501-51021	COMPETENT-COSMO primary switched-mode regulator customer-specific, agricultural machinery, 13.8 V / 20 A – 3 ph