

DIN30W series

30W Din Rail Power Supply



■ Features:

- Constant voltage design
- European AC input range
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Cooling by free air convection
- Isolation class II
- Can be installed on DIN Rail TS-35/7 or 15



ELECTRICAL SPECIFICATION

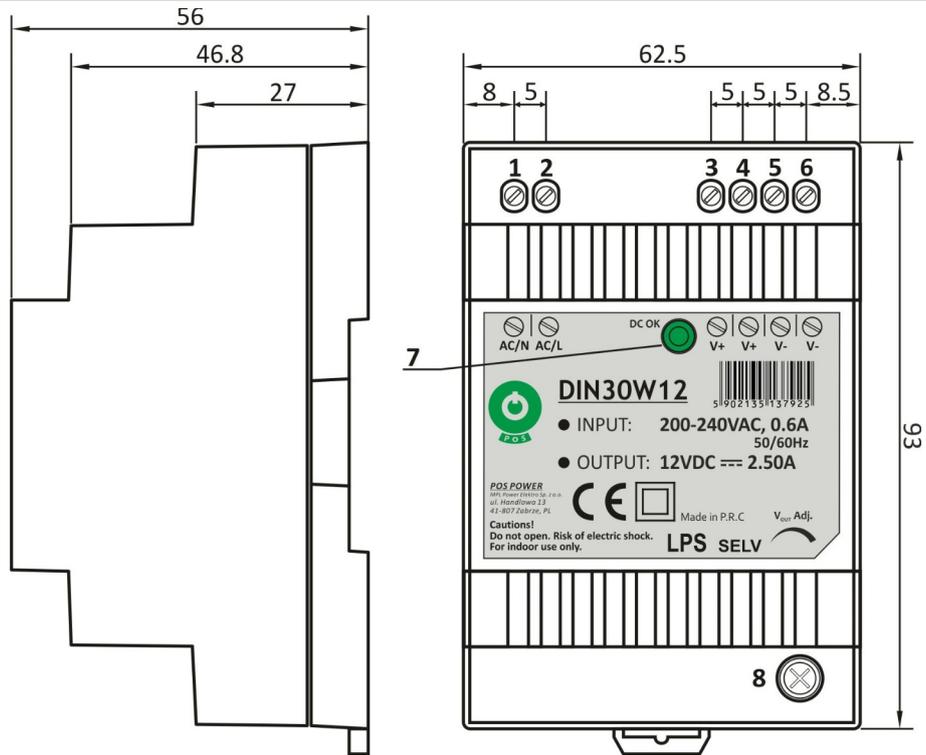
MODEL	DIN30W12	DIN30W15	DIN30W24			
OUTPUT						
Rated Voltage	12V	15V	24V			
Rated Current	2.5A	2.0A	1.25A			
Current Range	0 ÷ 2.5A	0 ÷ 2.0A	0 ÷ 1.25A			
Rated Power	30W	30W	30W			
No Output Voltage (max.)	12.6V	16V	25.2V			
Voltage Adjustment Range [6]	10.8 – 13.6V	13.5 – 16.5V	22 – 28V			
Line Regulation	± 1%					
Load Regulation	± 2%					
Voltage Tolerance [3]	± 5%					
Ripple & Noise (max.) [2]	240mV _{p,p}	240mV _{p,p}	320mV _{p,p}			
Setup, Rise Time [4]	500ms, 60ms / 230VAC at full load					
Hold up Time (typ., at full load)	20ms / 230VAC	30ms / 230VAC	30ms / 230VAC			
INPUT						
Voltage Range	180 ÷ 264VAC					
Frequency Range	47 ÷ 63Hz					
Power Factor (typ.)	PF > 0.4 / 230VAC pod pełnym obciążeniem					
Efficiency (typ.)	84%	85%	85%			
AC current (typ.)	0.45A / 230VAC					
Inrush current (max.)	28A / 230VAC; T _{WIDTH} (50% peak) = 550µs					
Max. No. Of PSU on Circuit Breaker	B10 10	B16 16	C10 10	C16 16	D10 21	D16 34
No Load Power Consumption (max.)	< 0.5W					

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MECHANICAL SPECIFICATION



PIN ASSIGNMENT

No.	Assignment	No.	Assignment
1	Input: AC/N	3,4	Output: U _{OUT} +
2	Input: AC/L	5,6	Output: U _{OUT} -
		7	LED indication for power on
		8	U _{OUT} adjustment