

Din Rail Series (480W)

STONTRONICS: DG-480-24, DG-480-48



Features:

- High efficiency up to 94.5%
- 75w – 960w with parallel function
- “Slim” case occupying less din rail space
- Up to 30% smaller than industry standard
- Output voltage up to 110% V nom
- Output power up to 110%
- 150% peak output current for 3 seconds
- -25°C to 70 °C
- Installation on TS-35/75 or TS-35/15



Description:

The TT Electronics range of Din Rail Power Supplies can be installed on either TS-35/7 or TS-35/18. Featuring wide ranging universal Input for many industrial application and come with a 3 year warranty as standard. This 480 Watt unit is offered in 24 & 48V and comes with built in active PFC.

Range Specification							
Part Number	DC Output	Rated Current	Current Range	Ripple & Noise	Voltage Accuracy	Line Regulation	Load Regulation
DG-480-24	24V	20A	0-20A	<240mV	±3%	±0.5%	±1%
DG-480-48	48V	10A	0-10A	<240mV	±3%	±0.5%	±1%

Specification	
Voltage Range	90-264VAC
Frequency Range	47-63Hz
Efficiency	Up to 94%
Over Load	120%-150% Constant power with auto recovery
Over Temperature	Protection Type: Shut down, auto recovery
Operating Temperature	-25°C ~ 70°C
Operating Humidity	20%~90%RH No condensing
Storage Temperature	-40°C~85°C
Safety	GB4943/EN60950
Leakage Current	Input—output: ≤0.25mA Input—PG: ≤3.5mA
Isolation Resistance	Primary-Secondary: >10M ohms .Primary-PG: >10M ohms. Secondary-PG: >10M ohms
EMC Emission	Compliance to EN55022, EN55024, Class B
Harmonic Current	Compliance to EN61000-3-2, CLASS A
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN55024 light industry level
MTBF	300,000 Hrs
Dimensions	124x70x127mm

General Note

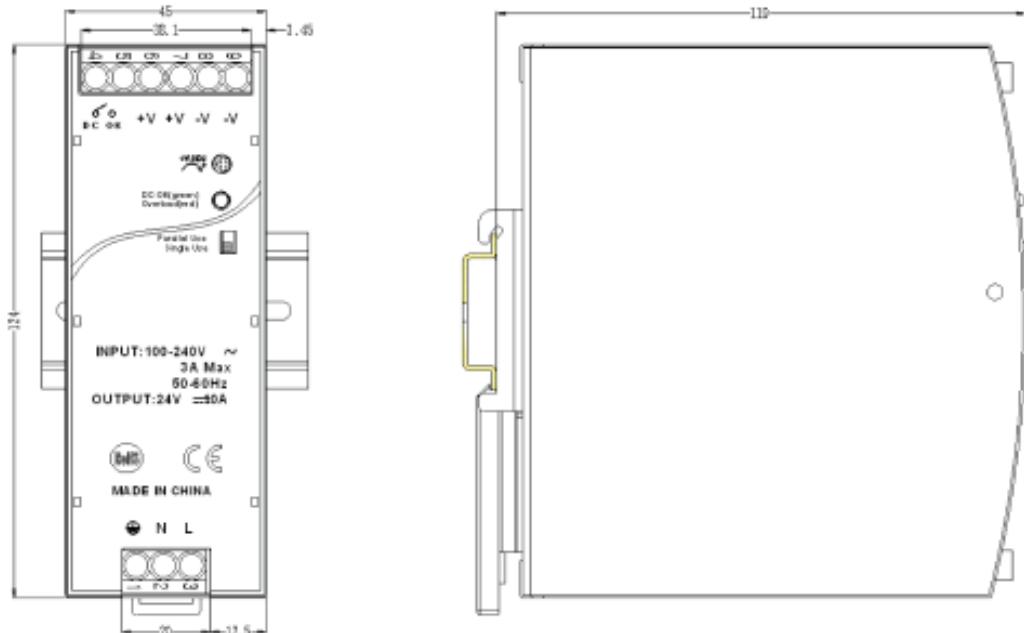
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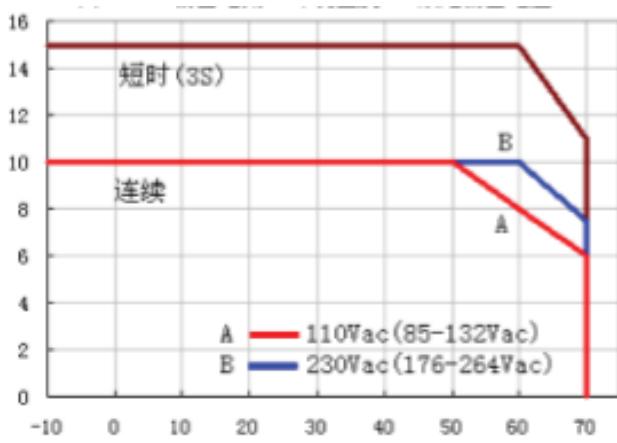
Diagrams



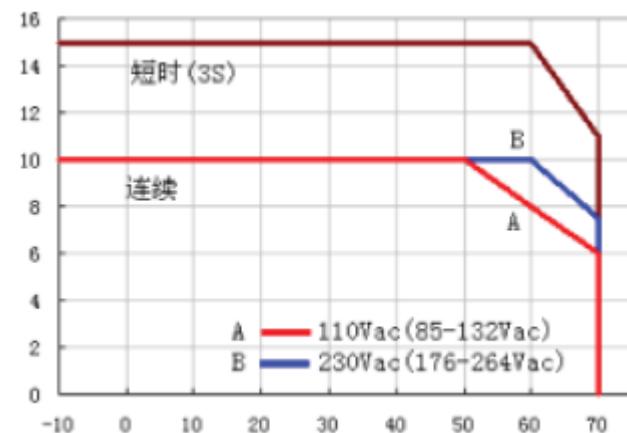
Derating Curves

— short time working, 3S
— continuous working

DG-480-24



DG-480-48



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