

# DIN RAIL POWER SUPPLY

## 24VDC 240WATT

### STONTRONICS: DG-240-24



#### Features:

- Universal / Full Range Input
- Highly Reliable Design
- 100% Full Load Burn-in Test
- 3 Year Warranty

#### 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 240watt unit is offered in 24v and comes with built in active PFC.

Specification		
Part Number	DG-240-24	
DC Output	24V	
Rated Output Current	10A	
Ripple & Noise	0°C to +70°C	≤240mV
	-25°C	≤480mV
Voltage ADJ Range	24-28V	
Line Regulation	±0.5%	
Load Regulation	±1%	
Set up Time	<3S@230Vac	
Hold up Time	≥20mS @ 230Vac input, Full load	
Temperature Coefficient	+/-0.03%/°C	
Overshoot and Undershoot	<5%	
Input Voltage Range	85Vac - 264Vac	
Input Frequency	47Hz-63Hz	
Efficiency	94%	
AC Current (max.)	<3A/100Vac <1.5A/230Vac	
Inrush Current (max.)	<20A/110Vac <40A/230Vac Cold start	
Leakage Current	Input-output:<0.25mA Input—PG: <3.5mA	
Over Load Protection	110% - 150% of rated current	
Over Voltage Protection	29-33V, constant voltage, Auto Recovery	
Short Circuit	Long-term mode, Auto Recovery	
Operating Temp. & Humidity	-25°C to 70°C / 20% to 90%	
Storage Temp. & Humidity	-40°C to 85°C / 5% to 95%	
Safety Standards	UL508, UL60950, EN60950	
Withstand Voltage	Primary-Secondary:3.0KVac; <10mA Primary-PG:2.5KVac; <10mA Secondary-PG0:5KVac-20mA	
Isolation Resistance	≥100M ohms	
EMC Emission	Compliance to EN55032, EN55024, FCC PART 15 Class B	
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level	
MTBF	More than 300,000 hours	
Dimension	45mm x 124mm x 119mm	

#### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

#### STONTRONICS

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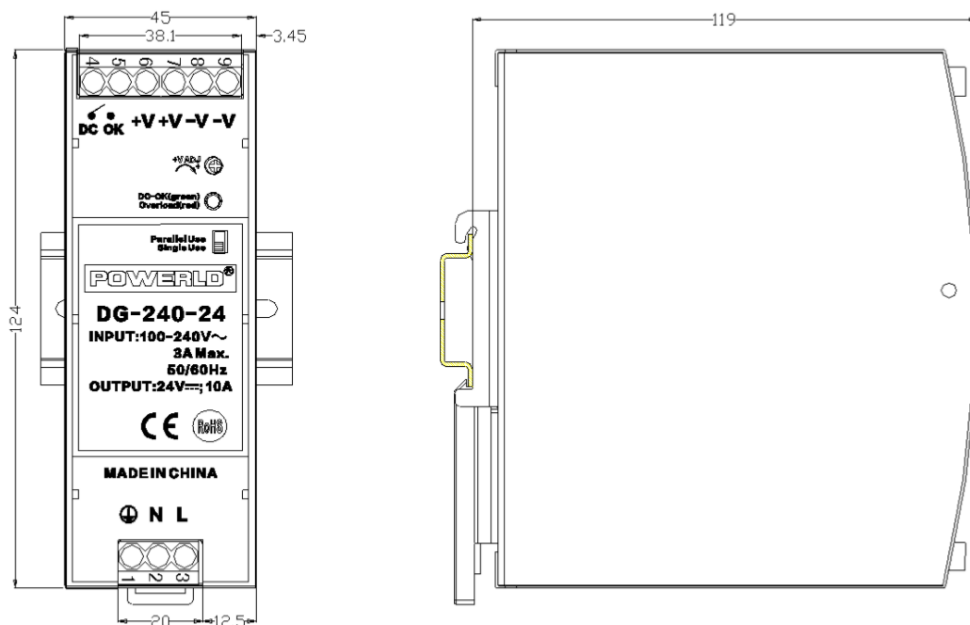
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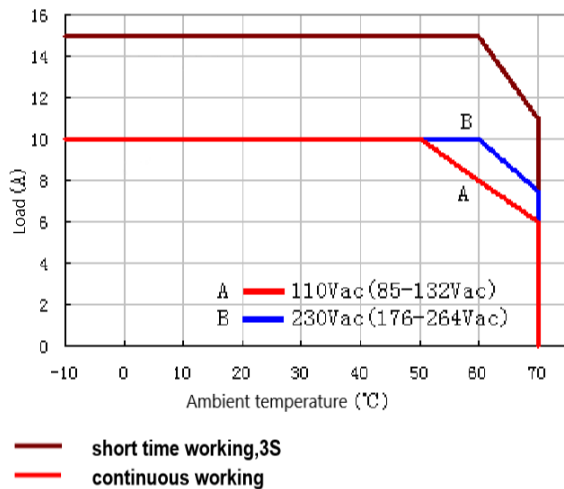
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### Diagrams



### Derating Curve



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