

DIN RAIL POWER SUPPLY

24VDC 30WATT

STONTRONICS: DG-30-S24



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 30 Watt unit is offered in 24V.

	Specification
Part Number	DG-30-S24
DC Output	24V
Rated Output Current	1.25A
Ripple & Noise	<100mV
Voltage ADJ. Range	24-28V
Voltage Accuracy	±1.0%
Line Regulation	±0.5%
Load Regulation	±1.0%
Set-up Time	<1500ms@230Vac
Hold up Time	≥20ms @ 230Vac input, Full load
Temperature Coefficient	±0.03%/°C
Overshoot and Undershoot	<5.0%
Input Voltage Range	90Vac - 264Vac
Input Frequency Range	47Hz - 63Hz
Efficiency	85%
AC Current (max.)	<0.8A
Inrush Current (max.)	<50A/230Vac Cold Start
Leakage Current	Input-output: ≤0.25mA
Over Load Protection	120%~150% of rated current, Hiccup mode, auto recovery
Over Voltage Protection	28.3 - 31.2V Shutdown and Re Power On
Short Circuit	Long-term mode, auto recovery
Operating Temp. & Humidity	-20°C to +50°C / 20% to 90%
Storage Temp. & Humidity	-40°C to +85°C / 5% to 95%
Safety Standards	meet GB4943/EN60950
Withstand Voltage	Primary-Secondary: 3.0Kvdc ≤10mA
Isolation Resistance	>10M ohms
EMC Emission	Compliance to EN55032, EN55024, Class B
Harmonic Current	Compliance to EN6100-3-2(-3)
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN55024 heavy industry level
MTBF	300,000 hours
Dimensions	32mm x 97.5mm x 103.7mm

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.

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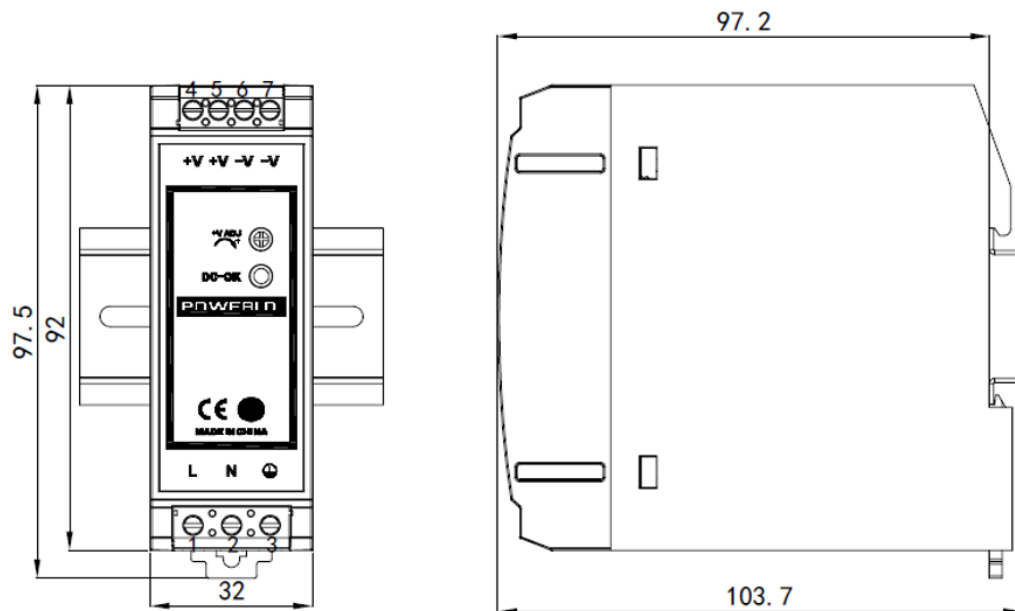
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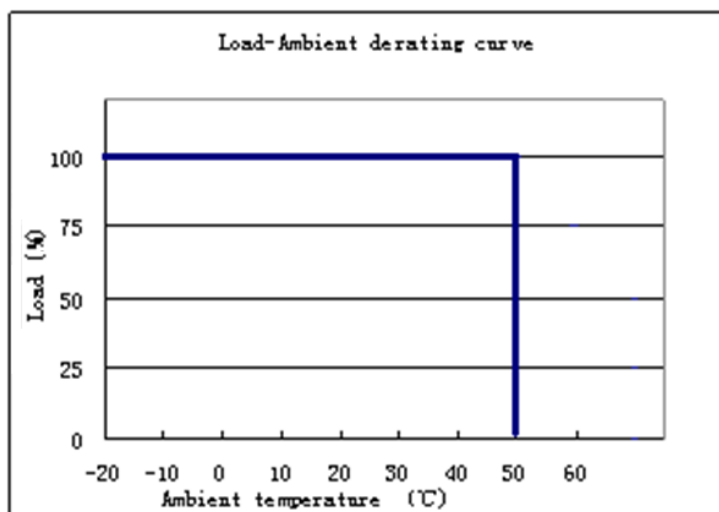
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Diagrams



Derating Curve



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