

# DIN RAIL POWER SUPPLY 12VDC 15WATT

## STONTRONICS: DG-15-S12



### 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 15 Watt unit is offered in 12V.

	Specification
Part Number	DG-15-S12
DC Output	12V
Rated Output Current	1.25A
Ripple & Noise $-25 \leq T_a \leq 10$	$\leq 120\text{mV}$
Voltage ADJ. Range	12~14V
Voltage Accuracy	$\pm 1.0\%$
Line Regulation	$\pm 0.5\%$
Load Regulation	$\pm 1.0\%$
Set-up Time	$< 1500\text{mS}$ (230Vac input, Full load)
Hold up Time	$\geq 20\text{mS}$ (230Vac input, Full load)
Temperature Coefficient	$\pm 0.03\%$
Overshoot and Undershoot	$< 5\%$
Input Voltage Range	90Vac - 264Vac
Input Frequency Range	47Hz - 63Hz
Efficiency	77% (230Vac input, Full load)
AC Current (max.)	$< 0.5\text{A}$
Inrush Current (max.)	$< 50\text{A}/230\text{Vac}$ Cold start
Leakage Current	Input-output: $< 0.25\text{mA}$
Over Load Protection	120%~150% of rated current, Hiccup mode, auto recovery
Over Voltage Protection	15~16.8V Protection type: Shut down power supply will restart again
Short Circuit	Long-term mode, auto recovery
Operating Temp. & Humidity	$-25 \sim 50^\circ\text{C}$ ; 20%~90%RH No condensing
Storage Temp. & Humidity	$-40 \sim 85^\circ\text{C}$ ; 5%~95%RH No condensing
Safety Standards	meet GB4943/EN60950
Withstand Voltage	Primary-Secondary: 3.0KVac; $\leq 10\text{mA}$
Isolation Resistance	$> 10\text{M ohms}$
EMC Emission	Compliance to EN55032, 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	More than 300,000Hrs (25° C, Full load)
Dimensions	32*97.5*103.7mm(W*H*D)

### 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.

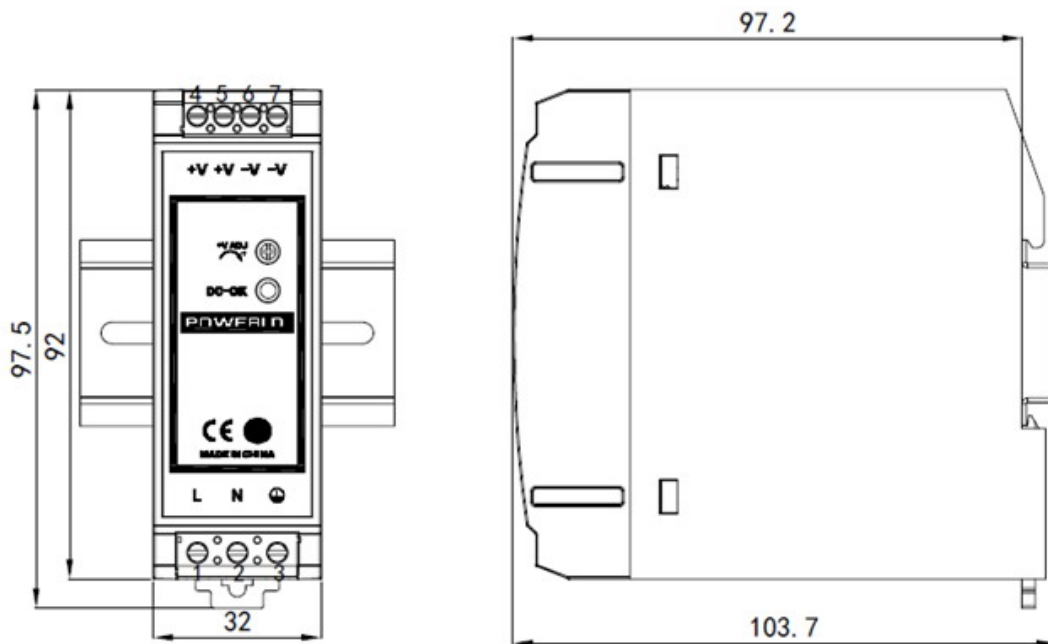
## STONTRONICS

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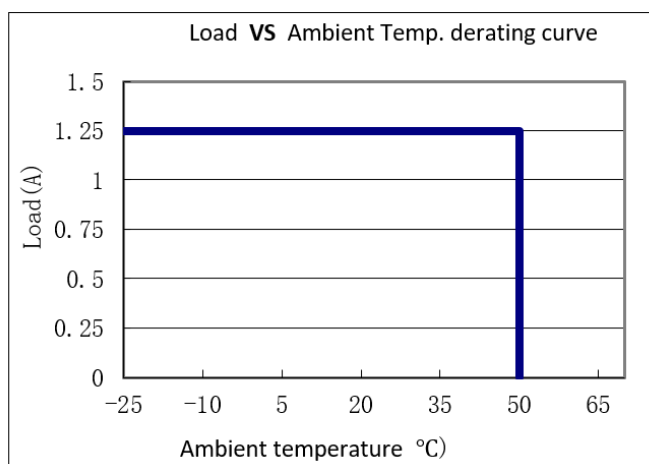
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## Diagrams



## Derating Curve



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