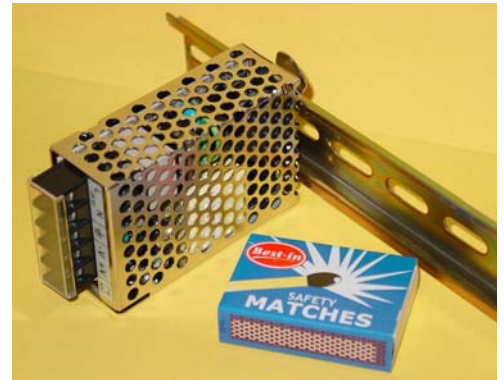




DIN Rail Mounted Power Supplies 25W Sub Miniature

PRS-25-XX

- Sub miniature size
- High power density, high efficiency
- Universal input 85 ~ 264V a.c.
- 3.3V ~ 48V d.c. outputs
- Fits all standard "top hat" DIN rails
- Also chassis mountable
- World wide approvals: UL/ CUL/ TUV/ CB/ CE
- 100% full load burn in test
- Short circuit, over load protection
- Over voltage protection



DESCRIPTION

This range offers DIN rail mounted power supplies in a very small package for many applications. With a power output of 25W watts and output from 3.3 to 48 Volts these will find many uses. All models are fully protected

| <u>Model</u> | <u>Output Voltage & Current</u> | <u>Adjustment</u> |
|--------------|-------------------------------------|-------------------|
| PRS-25-3.3 | 3.3V 0 ~ 6.0A | 2.85 - 3.6V |
| PRS-25-5 | 5V 0 ~ 5.0A | 4.75 - 5.5V |
| PRS-25-12 | 12V 0 ~ 2.1A | 10.8 - 13.2V |
| PRS-25-15 | 15V 0 ~ 1.7A | 13.5 - 16.5V |
| PRS-25-24 | 24V 0 ~ 1.1A | 22.0 - 27.6V |
| PRS-25-48 | 48V 0 ~ 0.57A | 42.0 - 54V |

SPECIFICATION

| | |
|---------------------------------|--|
| Input voltage | 85-264Vac, 47-63Hz auto range or 125~373V d.c. 300V a.c. surge withstand for 5 seconds |
| Input current | 0.7A/115V a.c. 0.4A/230V a.c |
| Inrush current | Cold start 36A/230V |
| Overload protection | 110-180% output, hiccup mode.- auto recovery |
| Over voltage protection | 115-135% of output voltage, hiccup mode - auto recovery |
| Set up/rise/hold up time | Typically 400/7/87mS at 230V a.c. |
| Ripple & noise | Typically 80~120mV |
| Isolation | I/P-O/P: 3KV,OP/FG: 1.5KV, 1 minute |
| EMC standards | EN55022 class B, EN61000-3-2,3, 4-2,4,5,6,8,11 meets ENV50204 |
| Op. Temp. range | -20C to + 70C derate above +50C linearly to 50% at 70C. |
| Connections | Screw terminals with clear snap on plastic cover |
| Efficiency | Typically 76 to 85% |
| Dimensions | W28 X H51 X D79mm (excluding terminals) chassis mount, for DIN rail mounting add 10mm to the depth for the DIN clip |
| Weight | 179g |

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