

GDA Series DIN Rail Power Supplies 5, 10, 18, 30, 60 & 120 Watts

**High Quality
Compact Size
Compact Price**



GDA30-24

Wattage	Voltage
5	5
10	12
18	15 (on 5-18W)
30	24
60	48 (on 30,60W)

GDA120-24-S S A

Wattage	Voltage	Options
12	12	S: w/o PFC F: with PFC
24	24	A: screw terminal B: connector plug
48	48	S: w/o parallel operation F: with parallel operation

Features

- DIN rail mounting
- Wide input range 100-240 VAC
- Adjustable output voltage
- Finger safe terminals - spring clamp on 5-60 watt, screw type on 120 watt
- LED output indication (green)
- LED output low indication on 5,10,18,120
- Relay output for DC signal on 30-120 watt
- Overload & short circuit protection
- No load protection
- Fused input
- UL 1950 (E222876), UL 508 (E222875), CE
- Transformer isolation: 3kV
- Power factor correction option on 120 Watt
- Parallel connection option on 120 Watt

Other Power Supplies Available

- DIN rail 1 phase 250-1000 watt
- DIN rail 3 phase 120-2000 watt
- DC/DC converters - PCB and DIN rail
- PCB mount and open frame type
- Linear power supplies
- Wall mount plug-in

Output Voltage	Adjustable Range
5 Volts	5-5.5 Vdc
12 Volts	12-14 Vdc
15 Volts	15-16.5 Vdc
24 Volts	24-28 Vdc
48 Volts	48-55 Vdc



GDA Series DIN Rail Power Supplies

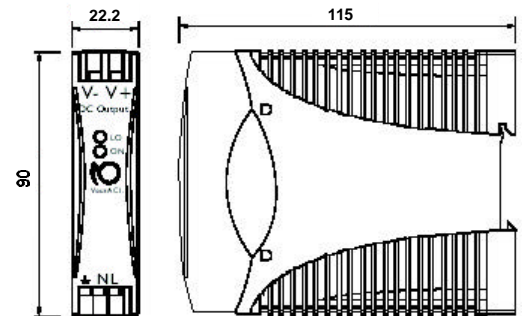
5, 10, 18, 30, 60 & 120 Watts

Specifications

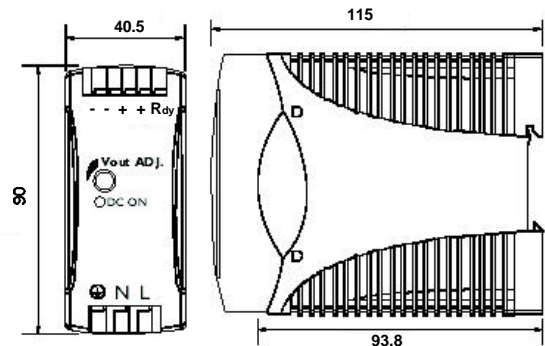
Input Voltage Range: 90-265 (Rated 100-240 VAC)
Frequency: 47-63 HZ
Fuse: 2A / 250 VAC slow blow
Output indication: Green LED
Output low indication: Red LED (5,10,18,120 Watt)
Relay output: High and low limit based on voltage out
Current limiting: Fold back, automatic reset
Short circuit protection: Continuous
Overload protection: Yes
Recovery time: 300 μ S
Ripple & noise (p-p): 50 mV
Output isolation voltage: 3000 VAC
Inrush Current: 5,10,18: 10A at 115VAC, 18A at 230 VAC
 30,60: 16A at 115VAC, 32A at 230 VAC
 120: 24A at 115VAC, 48A at 230 VAC
Operating temperature: -10°C to +50°C
Derating: 2% / °C from 51 to 71 °C (120 Watt 1.5%/°C)
Storage temperature: -40°C to +85°C
Cooling: Natural convection (25 mm free space top & bottom)
Wire Size: 0.2-2.0mm² (AWG24-14) for 5-60 Watts
 0.2-6.0mm² (AWG24-10) for 120 Watt
MTBF: 167,000 to 235,000 hrs. Depending on wattage
Case Material: 15,10,18,30 & 60W- Plastic; 120W - Metal

Dimension Diagrams

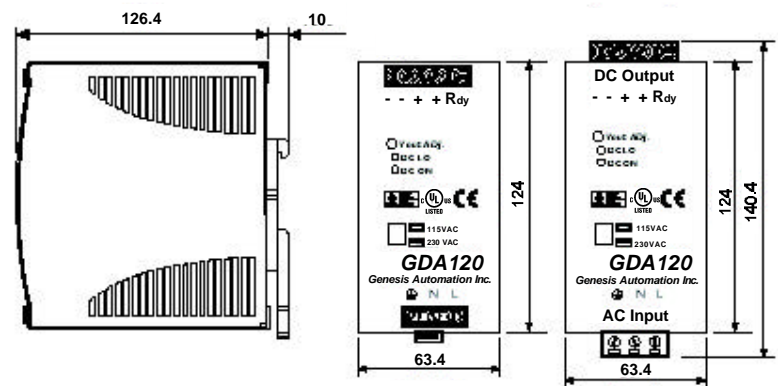
GDA 5, 10, 18 Watt



GDA 30, 60 Watt



GDA 120 Watt



Model	Efficiency at 24V
GDA05	72%
GDA10	76%
GDA18	77%
GDA30	84%
GDA60	86%
GDA120	86%

