Power Supplies & DC to DC Converters

Order Code 10+ 25+ Single output 5V 200-920 Single output 12V 200-031 283-046 Single output 15V 200-943 Twin output Triple output 200-955

Open Frame Linear Regulated Single and Dual Output





A range of high quality, low cost linear regulated power suppliers mounted on an 'L'

- shaped chassis. Input voltage options for all countries
- Short circuit, overvoltage protection on 5V units
- Industry standard sizes and mounting
- Faston output terminals Remote sensing
- Optional covers available to provide additional protection
- Reverse voltage protection Output voltage adjustment ±5%
- VDE transformer construction
- Approvals UL, TUV
- CE marked

| Input voltage | 100/120/220/230/240V ac |
|--------------------------|-------------------------------|
| Input frequency | 47Hz to 63Hz |
| Load regulation | NL to FL $\pm 0.05\%$ max. |
| Line regulation | ±10% input change, ±0.05% max |
| Output ripple | 1mV rms max., 3mV pk-pk |
| Temperature range | 0°C to 70°C |
| Temperature co-efficient | 0.01% per °C |

Break down voltage 3750V ac min. (input to output or input to ground)

| Output Voltage V dc | Current A | L | Dimension W | s H* | Weight (kg) | Cover Style | Mftrs. List No. | Order Code |
|------------------------|--------------|---------|----------------|---------|-------------|----------------|--------------------|------------|
| 5V | 3.0 | 124 | 102 | 67.0 | 1.3 | Α | AA05030 | 183-787 |
| 5V | 6.0 | 143 | 124 | 86.0 | 2.4 | В | AB05060 | 183-799 |
| 5V | 9.0 | 178 | 124 | 92.0 | 3.4 | N | AN05090 | 183-805 |
| 12V | 1.8 | 124 | 102 | 66.0 | 1.3 | Α | AA12018 | 183-817 |
| 12V | 3.4 | 143 | 124 | 86.0 | 2.4 | В | AB12034 | 183-829 |
| 12V | 6.8 | 229 | 124 | 97.0 | 3.3 | D | AD12068 | 183-830 |
| 12V | 10.2 | 356 | 124 | 95.0 | 5.1 | Е | AE12102 | 183-842 |
| 24V | 1.2 | 124 | 102 | 67.0 | 1.3 | Α | AA24012 | 183-854 |
| 24V | 2.4 | 143 | 124 | 86.0 | 2.3 | В | AB24024 | 183-866 |
| 24V | 4.8 | 229 | 124 | 97.0 | 2.5 | D | AD24048 | 183-878 |
| ±12V | ±1.0 | 165 | 102 | 66.0 | 1.5 | AA | AAA12010 | 183-880 |
| ±12V | ±1.8 | 178 | 124 | 86.0 | 2.6 | BB | ABB12018 | 183-891 |
| ±12V | ± 3.4 | 238 | 124 | 92.0 | 3.0 | CC | ACC12034 | 183-908 |
| * Dimensions | include trar | sformer | Projection | ns | | | | |

| | | | | Price Each | | |
|---------------------------|--------------------|----|----|-------------------|-----|-----|
| Single Output | Order Code | 1+ | 5+ | 10+ | 25+ | 50+ |
| 5V, 3A | 183-787 | | | | | |
| 5V, 6A | 183-799 | | | | | |
| 5V, 9A | 183-805 | | | | | |
| 12V, 1.8A | 183-817 | | | | | |
| 12V, 3.4A | 183-829 | | | | | |
| 12V, 6.8A | 183-830 | | | | | |
| 12V, 10.2A | 183-842 | | | | | |
| 24V, 1.2A 24V, 2.4A | 183-854 183-866 | | | | | |
| 24V, 4.8A | 183-878 | | | | | |
| · · · | 100 070 | | | | | |
| Dual Outputs ±12V, ±1A | 183-880 | | | | | |
| ±12V, ±1.8A | 183-891 | | | | | |
| ±12V, ±3.4A | 183-908 | | | | | |
| Cover Style | | | | | | |
| A | 183-910 | | | | | |
| В | 183-921 | | | | | |
| N | 183-933 | | | | | |
| D | 183-945 | | | | | |
| E | 183-957 | | | | | |
| AA | 183-969 | | | | | |
| BB | 183-970 | | | | | |
| CC | 183-982 | | | | | |

Chassis Mounting AC/DC Unregulated **Linear Power Supplies** 92405, 92410 and 92415





A range of 24V dc power supplies manufactured to a high standard suitable for a wide range of industrial control applications. All models feature detachable terminal covers



to provide easy access for connection to the input and output

- 24V dc output
- 120 to 360 Watt
- Universal input
- Suitable for many industrial applications e.g. relays,
- solenoids, dc motors etc. 3.75kV isolation safety transformer

115/230V ac 50/60Hz

DC output

| Model | Output Voltage (V) | Output Current (A) | Output Power (W) | Order Code |
|-------|--------------------|--------------------|------------------|------------|
| 92405 | 24 | 5 | 120 | 332-9010 |
| 92410 | 24 | 10 | 240 | 332-9021 |
| 92415 | 24 | 15 | 360 | 332-9033 |

Load regulation 20% or 3V whichever is the greater for 20 to 100% load change

Output ripple and noise 1.5V rms maximum Operating temperature 0°C to +40°C

Isolation Input to ground 3750V ac min.

Output to ground 500V ac min. In accordance with EN60950

Safety (Construction uses safety bobbin approved to VDE 0551)

Circuit breakers (92405 and 92410) Output overcurrent 20A fast blow fuse (92415)

Dimensions (L x W x H) 210 x 152.1 x 140.1mm 92405 3.9kg Weight

92410 5.8kg 92415 7.7kg

Mechanical format All units are supplied fully enclosed as standard Mounting orientation May be mounted horizontally or vertically

Units are convection cooled and therefore require free air flow Ventilation and cooling

around the chassis

*The cover is recommended to be secured back in position prior to use

| | | | | | PS224 |
|-------|------------|----|------------|-----|-------|
| | | | Price Each | | |
| | Order Code | 1+ | 5+ | 10+ | |
| 92405 | 332-9010 | | | | |
| 92410 | 332-9021 | | | | |
| 92415 | 332-9033 | | | | |
| | | | | | |

Din Rail Mounting PSU SCL Series







The Sola encapsulated linears are available in dual and triple outputs for applications with sensitive electronics and analog circuitry. The rugged enclosed encapsulated package, with screw terminals and DIN Rail clips, make for easy installation and maintenance. These low-noise modules are capable of being DIN Rail or Chassis mounted.

- Quiet, low noise DC linear technology
- DIN Rail or Chassis mount for easy installation
- Global specifications, including CE and **UL 508**
- Two year warranty
- Simple snap-on for DIN Rail TS35/7.5 or TS35/15
- M3 screw clamp terminations
- Chassis mounting possible on $-\,\mathrm{DN}$ Low-Profile versions by removing DIN clips (simply unscrew at the back of
- **CE** Certified
- EN60950

| Viftrs. List No. | Output 1 VDC/A | Output 2 VDC/A | Output 3 VDC/A | Watts (W) | Order Code |
|------------------|-------------------|-------------------|-------------------|-----------|------------|
| SCL4D12-DN | 12/0.15 | -12/0.15 | _ | 4 | 344-2433 |
| SCL10D12-DN | 12/0.35 | -12/0.35 | - | 10 | 344-2410 |
| SCL10T512-DN | 5/0.25 | 12/0.35 | -12/0.35 | 10 | 344-2421 |

Note: Dual output units can be series connected for 24V applications

| | | | Price Each | |
|--------------|------------|----|------------|-----|
| | Order Code | 1+ | 5+ | 10+ |
| SCL4D12-DN | 344-2433 | | | |
| SCL10D12-DN | 344-2410 | | | |
| SCL10T512-DN | 344-2421 | | | |

continued

Free Same Day Delivery

For orders received before 12.30pm we provide free same day delivery.