

UP0303S Series - Triple Output

FEATURES

Universal Input 90 to 264 VAC
 Small Size
 EMI Meets FCC/CISPR 22 Class B

SPECIFICATIONS

All Specifications are Typical at Nominal Line,
 Full Load and 25°C Unless Otherwise Noted.

| | |
|-----------------------------------|--|
| Input Voltage | 90~264VAC |
| Input Frequency | 47~63Hz |
| Inrush Current | 30A Max. (Cold Start) |
| Hold Up Time | 16mS typ. |
| Efficiency | 70% |
| Leakage Current | 3mA Max. |
| Short Circuit Protection | Continuous |
| Overvoltage Protection | 5VDC output only |
| Withstand voltage: Input / Output | 4242VDC |
| Operating Temperature | 0°C ~ 70°C |
| Derating 50°C to 70°C | 2%/°C |
| Temperature Coefficient | ± 0.02%/° |
| Storage Temperature | -40 ~ 85 |
| Humidity, Non-Condensing | 0% ~ 95%RH |
| Dimension | 91.1 X 62.99 X 28.6 mm |
| Cooling | Free-Air Convection |
| Safety | CE, CB, TUV, UL, CSA |
| EMI | Meets FCC/CISPR 22 Class "B" Specification |

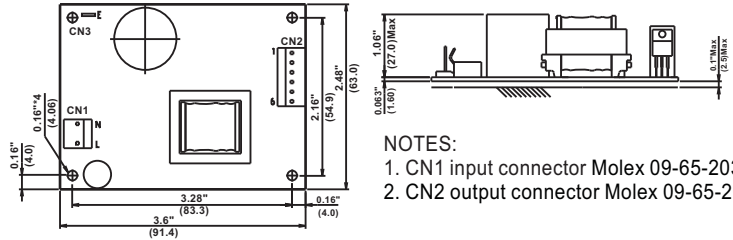


MODEL LIST



| Model Number | Output Voltage (Volts) | Output Current (A) | | | Ripple p-p (mv) | Total Reg. |
|--------------|------------------------|--------------------|-------|------|-----------------|------------|
| | | Min. | Rated | Max. | | |
| UP0303S-01 | +5 (V1) | 0 | 2.0 | 3.0 | 50 | ± 3% |
| | +12 (V2) | 0 | 1.0 | 1.5 | 120 | ± 5% |
| | -12 (V3) | 0 | 0.2 | 0.5 | 120 | ± 5% |
| UP0303S-02 | +5 (V1) | 0 | 2.0 | 3.0 | 50 | ± 3% |
| | +12 (V2) | 0 | 1.0 | 1.5 | 120 | ± 5% |
| | -5 (V3) | 0 | 0.2 | 0.5 | 50 | ± 5% |
| UP0303S-03 | +5 (V1) | 0 | 2.0 | 3.0 | 50 | ± 3% |
| | +24 (V2) | 0 | 0.5 | 1.0 | 240 | ± 5% |
| | -12 (V3) | 0 | 0.2 | 0.3 | 120 | ± 5% |

Mechanical Drawing: (mm)



NOTES:

- CN1 input connector Molex 09-65-2038.
- CN2 output connector Molex 09-65-2068.

UP0401S Series - Single & Dual Output

FEATURES

Universal Input 90 to 264 VAC
 Small Size
 EMI Meets FCC/CISPR 22 Class B

SPECIFICATIONS

All Specifications are Typical at Nominal Line,
 Full Load and 25°C Unless Otherwise Noted.

| | |
|-----------------------------------|--|
| Input Voltage | 90~264VAC |
| Input Frequency | 47~63Hz |
| Inrush Current | 40A Max. (Cold Start) |
| Line regulation | ± 1% |
| Hold Up Time | 16mS typ. |
| Efficiency | 70% |
| Leakage Current | 3mA Max. |
| Short Circuit Protection | Continuous |
| Withstand voltage: Input / Output | 4242VDC |
| Operating Temperature | 0°C ~ 70°C |
| Derating 50°C to 70°C | 2%/°C |
| Temperature Coefficient | ± 0.02%/°C |
| Storage Temperature | -40°C ~ +85°C |
| Humidity, Non-Condensing | 0% ~ 95%RH |
| Dimension | 101.6 X 76.2 X 28.6 mm |
| Cooling | Free-Air Convection |
| Safety | UL, TUV, CSA |
| EMI | Meets FCC/CISPR 22 Class "B" Specification |

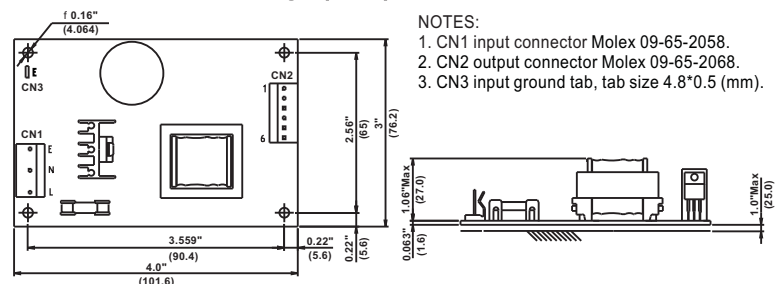


MODEL LIST



| Model Number | Output Voltage (Volts) | Output Current (A) | | Peak (Amps) | Max. Output Power (W) | Ripple p-p (mv) | Total Reg. |
|--------------|------------------------|--------------------|------|-------------|-----------------------|-----------------|------------|
| | | Min. | Max. | | | | |
| UP0401S-05 | 5 | 0 | 7.0 | 9.00 | 35 | 100 | ± 1% |
| UP0401S-09 | 9 | 0 | 4.4 | 5.00 | 40 | 100 | ± 1% |
| UP0401S-12 | 12 | 0 | 3.3 | 3.75 | 40 | 120 | ± 1% |
| UP0401S-15 | 15 | 0 | 2.6 | 3.00 | 40 | 150 | ± 1% |
| UP0401S-18 | 18 | 0 | 2.2 | 2.50 | 40 | 180 | ± 1% |
| UP0401S-24 | 24 | 0 | 1.6 | 1.88 | 40 | 240 | ± 1% |
| UP0402S-01 | 5 | 0 | 5.0 | | 40 | 100 | ± 4% |
| | 12 | 0 | 3.0 | | 40 | 120 | |
| UP0402S-02 | 5 | 0 | 5.0 | | 40 | 100 | ± 4% |
| | 24 | 0 | 1.5 | | 40 | 240 | |

Mechanical Drawing: (mm)



NOTES:

- CN1 input connector Molex 09-65-2058.
- CN2 output connector Molex 09-65-2068.
- CN3 input ground tab, tab size 4.8*0.5 (mm).