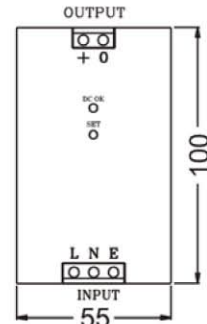
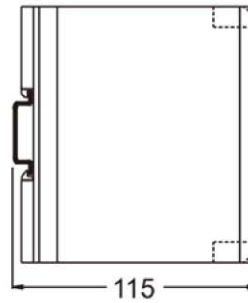


60W SINGLE OUTPUT



All dimensions in mm

| | | |
|-----------------------------------|---|---|
| FEATURES | <ul style="list-style-type: none"> • Single Phase Input • Built In Transient protector & EMI filter • Protection against short circuit, overload & overvoltage • Low ripple & noise • Cooling by free air convection | <ul style="list-style-type: none"> • Power OK indication, terminations, output set control & rating details on front • 100% full load burn in tested • Low cost • High reliability • Compact |
| ISOLATION | Input – Output : 3KVAC, 1 minute Input – Earth : 2KVAC, 1 minute Output – Earth : 0.5KVAC, 1 minute | |
| EFFICIENCY | 70 ~ 75% | |
| O/P VOLTAGE ADJUSTMENT | +/- 10% of nominal output voltage | |
| OVERLOAD PROTECTION | 105% ~ 130% of rated load | |
| LINE & LOAD REGULATION | Better than 0.5% | |
| HOLD UP TIME | > 20ms at rated input voltage and load | |
| OPERATING AMBIENT | 0 ~ 50°C, 95% RH | |
| STORAGE AMBIENT | -20°C to 85°C | |
| SAFETY STANDARD | Design refers to EN60950-1 | |
| EMC STANDARD | Design refers to EN55022, EN55024 | |
| APPROVAL / MARK | CE | |
| TERMINATIONS | Screw type, for 2.5mm sq. wire | |
| MOUNTING | 35 mm DIN rail | |
| WEIGHT | 400 grams | |

| ORDERING INFORMATION | NOMINAL INPUT : 230VAC/DC | | NOMINAL INPUT : 110VAC/DC | | OUTPUT | RIPPLE & NOISE | OVERVOLTAGE PROTECTION | | | | |
|----------------------|---------------------------|------------|---------------------------|-----------|-------------|----------------|------------------------|-------------|---------|------|--|
| | INPUT VOLTAGE | AC | DC | AC | | | | DC | | | |
| | INPUT RANGE | 180 ~ 270V | 200 ~ 360V | 90 ~ 130V | | | | 100 ~ 160V | | | |
| | I/P FREQUENCY | 47 ~ 63Hz | — | 47 ~ 63Hz | | | | — | | | |
| | I/P CURRENT (max) | 1A @230V | 0.35A @230V | 2A @110V | | | | 0.70A @110V | | | |
| | INRUSH CURRENT | 32A @230V | 23A @230V | 16A @110V | | | | 11A @110V | | | |
| | ORDER CODE | G31-60-05 | | G32-60-05 | | | | 5V : 5A | < 100mV | < 7V | |
| | G31-60-12 | | G32-60-12 | | 12V : 5A | < 120mV | < 16V | | | | |
| | G31-60-15 | | G32-60-15 | | 15V : 4A | < 150mV | < 20V | | | | |
| | G31-60-24 | | G32-60-24 | | 24V : 2.5A | < 240mV | < 30V | | | | |
| | G31-60-48 | | G32-60-48 | | 48V : 1.25A | < 350mV | < 63V | | | | |

Note : 1. All parameters measured at nominal input, rated load and 25°C of ambient temperature unless otherwise specified.
 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 100uf parallel capacitor.
 3. The power supply is intended to be installed as a component inside the enclosure of final equipment. The final equipment must be re-confirmed that it still meets the EMC directives.
 4. These units are designed for mounting on horizontal DIN rail. Ensure clearance of minimum 35mm from adjacent components for proper ventilation.

