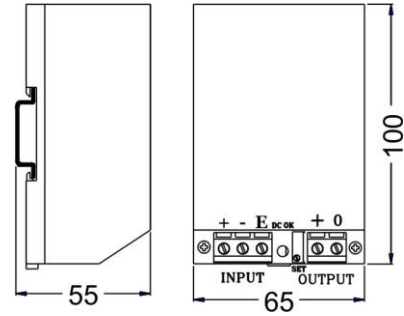


DC - DC CONVERTER 24W



This product is not intended to be used as Stand-alone SMPS. It is intended to be used as component or raw material inside the main equipment.

All dimensions in mm

| | | | | | |
|-----------------------------------|---|---|---------------|---------------------------|-------------------------------|
| FEATURES | <ul style="list-style-type: none"> DC 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 : 1.5KVAC, 1 minute Input – Earth : 1.5KVAC, 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% | | | | |
| 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 | | | | |
| TERMINATIONS | Screw type, for 2.5mm sq. wire | | | | |
| MOUNTING | 35 mm DIN rail | | | | |
| WEIGHT | 240 grams | | | | |
| ORDERING INFORMATION | NOMINAL INPUT : 48VDC | | OUTPUT | RIPPLE & NOISE | OVERVOLTAGE PROTECTION |
| | INPUT RANGE | 38 ~ 60VDC | | | |
| | I/P CURRENT (max) | 1A @48VDC | | | |
| | ORDER CODE | G35-24-05 | 5V : 2.5A | < 100mV | < 7V |
| | | G35-24-12 | 12V : 2A | < 120mV | < 16V |
| ORDER CODE | G35-24-24 | 24V : 1A | < 240mV | < 30V | |

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.