

FEATURES:



- CE, EAC certified
- Can be installed on DIN rail TS-35/7.5 or 15
- Universal input, wide range: 100-240 VAC/±120..370 VDC
- Adjustable DC output in the range of 12..24 V (manual)
- Automatic protection: short circuit, overload
- LED indicators for power on

SPECIFICATION

| Model name | | 12W/12-24V/ DIN | 24W/12-24V/ DIN | 36W/12-24V/ DIN | 50W/12-24V/ DIN | 75W/12-24V/ DIN | |
|-------------------------|--|--|--------------------|--------------------|--------------------|------------------------|-------|
| Output | Rated power | 12 W | 24 W | 36 W | 50 W | 75 W | |
| | Rated DC voltage | 12 - 24 V | | | | | |
| | Maximum DC voltage range | 11,5 - 24,5 V | | | | | |
| | Rated current range | 1,0 - 0,5 A | 2,0 - 1,0 A | 3,0 - 1,5 A | 4,2 - 2,2 A | 6,25 - 3,15A | |
| | Voltage ripple and noise | ≤0,5 % | | | | | |
| | PWM frequency | 65 kHz | | | | | |
| | Temperature regulation | ≤1 % | | | | | |
| | Setup, rise time | ≤1500 ms | | | | | |
| Input | Voltage range | 100 - 240 VAC (94 - 264 VAC max.); ±120 - 370VDC | | | | | |
| | Frequency range | 47 - 63 Hz | | | | | |
| | Efficiency | for 12V | ≥83 % | ≥85 % | ≥85 % | ≥84 % | ≥84 % |
| | | for 24V | ≥84 % | ≥87 % | ≥87 % | ≥88 % | ≥88 % |
| | No load power consumption | ≤0,2 W | ≤0,3 W | ≤0,3 W | ≤0,3 W | ≤1 W | |
| Inrush current | 20 A max. | 35 A max. | | | 40 A max. | | |
| Indication | Green LED (power ON) | On - output DC OK / blinking - in protection | | | | | |
| | Red LED (DC range) | - | | | | ON: output voltage>18V | |
| Protection | Maximum output power | 15 W | 30 W | 43 W | 60 W | 90 W | |
| | Short circuit, overload, over voltage | Hiccup mode, recovers automatically after fault condition is removed | | | | | |
| Environment | Working temperature | - 25..+60 °C | | | | | |
| | Storage temperature | -40..+85 °C (10..90% RH) | | | | | |
| | Working humidity | 20 - 90% RH non-condensing | | | | | |
| | Vibration | 10-500 Hz, 2G, 10 min./1 cycle, period for 60 min., each along X, Y, Z axes | | | | | |
| Safety & EMC | Safety standards, EMC emission | IEC61000-3-2:2014, EN61000-3-3:2013, EN55013:2013, EN55020:2007, EN60065:2009, EN55022 Class B | | | | | |
| | Withstand voltage I/P-O/P | 3kV / 60 s / 5 mA | | | | | |
| | Withstand voltage I/P-FG | 1.5kV / 60 s / 5 mA | | | | | |
| | Withstand voltage O/P-FG | 0.5kV / 60 s / 5 mA | | | | | |
| | Isolation resistance (I/P-O/P, I/P-FG, O/P-FG) | 100 M Ohms/500 VDC/25 °C/70% RH | | | | | |
| Others | MTBF | 150 000 hours | | | | | |
| | Dimension, mm | 91 x 65 x 19.5 | 93 x 56 x 25 | 93 x 78 x 56 | 93 x 78 x 56 | 125x108x40 | |
| | DIN-rail mounting | Provided by case's design | | | | | |
| | Terminal torque, max. | 0.4Nm (3.6lb.in) | | | | | |
| | Warranty | 2 years | | | | | |
| | Packing | Plastic bag, white box | | | | | |
| | Weight | 65 g | 110 g | 200 g | 200 g | 420 g | |