

150W AC-DC Enclosed Power Supplies

multicomp PRO

**RoHS
Compliant**



Features

- Universal AC Input
- Protections: short circuit/overload
- Cooling by free air convection
- 100% pass aging test

Description

The 150W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications.

Specifications

| Part Number | MP002001 | MP002002 |
|--------------------------|--|--|
| DC Voltage | 24V | 12V |
| Rated Current | 6.5A | 12.5A |
| Current Range | 0A to 6.5A | 0 to 12.5A |
| Rated Power | 156W | 150W |
| Ripple & Noise | 200mVp-p | 150mVp-p |
| Voltage Regulation Range | ±10% | ±10% |
| Voltage Accuracy | ±1% | ±1% |
| Line Adjustment | ±1% | ±1% |
| Load Adjustment Rate | ±1% | ±1% |
| Rise | 30ms, 100% Load | 30ms, 100% Load |
| Hold Up Time | 30ms 100% Rated Load | 30ms 100% Rated Load |
| Voltage Range | 170V AC to 264V AC | 170V AC to 264V AC |
| Frequency | 47Hz to 63Hz | 47Hz to 63Hz |
| Efficiency | 89% | 88% |
| Alternating Current | 2.8A / 115V AC 1.6A / 230V AC | 2.8A / 115V AC 1.6A / 230V AC |
| Inrush Current | <60A / 230V AC | <60A / 230V AC |
| Leakage Current | <0.75mA / 240V AC | <0.75mA / 240V AC |
| Overload | 120% to 150% of rated output, auto-recovery | 120% to 150% of rated output, auto-recovery |
| Short Circuit | Hiccup Mode, auto-recovery | Hiccup Mode, auto-recovery |
| Over Voltage | 115%-135% rated output voltage, Shut down o/p voltage, re-power to recover | 115%-135% rated output voltage, Shut down o/p voltage, re-power to recover |
| Over Temp | Auto Recovery | Auto Recovery |
| Working Temp | -30°C to +70°C (See derating curve) | -30°C to +70°C (See derating curve) |
| Working Humidity | 20%RH to 95%RH (Non condensing) | 20%RH to 95%RH (Non condensing) |
| Storage Temp | -40°C to +80°C | -40°C to +80°C |
| Storage Humidity | 10%RH to 95%RH (Non condensing) | 10%RH to 95%RH (Non condensing) |

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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