

DESCRIPTION

400W Open frame type power supply with 48V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size
- Fit 1U Chassis
- Full Load at 0~50 °C
- Air Convection Cooling
- Protection: Over Voltage, Over Temperature, Short Circuit & Over Power
- High Reliability
- High Density
- MTBF 100,000 hours at 25°C
- EMC class B
- ITE Approval

WATTAGE

Wattage: 400W

PRODUCT HIGHLIGHT

Efficiency Level: $\geq 89\%$
Output Voltage: 48 VDC
Size: 277.5 (10.93") x 125.4 (4.94") x 40.5 (1.59") mm

INPUT SPECIFICATION

Input Type: AC-DC
Input Voltage: 90~264 Vac
Input Frequency: 47~63 Hz
Input Current: $\leq 4.9A : 100 VAC / \leq 2.0A : 230 VAC$
Inrush current: 40A @ 230Vac (Typ.)
Earth leakage current: $\leq 0.5mA$

OUTPUT SPECIFICATION

Output Voltage / Current:

Output1
48 V , 8.35 A

MECHANICAL

Dimension: 277.5mm(L) x 125.4mm(W) x 40.5mm(H)
Cooling: Convection cooling
Connector Type-Input: Dinkle DT-49-B01W-07 or equivalent
Connector Type-Output: Dinkle DT-49-B01W-07 or equivalent
Remote Control: No



SAFETY STANDARD APPROVAL



ENVIRONMENTAL SPECIFICATION

Storage temperature: -40°C to +70°C
Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

Efficiency: 89% minimum on all models
Hold-up time: 16 ms minimum at 16 VAC
MTBF: 100,000 hours minimum at full load at 25 °C ambient, calculated per MIL-HDBK-217F

EMC PERFORMANCE

EN55022: Class B Conducted, Class B radiated
EN61000-3-2: Harmonic current emission, Class D
EN61000-4-2: ESD, ± 8 KV Air ; ± 4 KV contact
EN61000-4-3: 3V/m
EN61000-4-4: Fast transient/burst, ± 1 KV Surge, ± 1 KV diff., ± 2 KV com.
EN61000-4-5: 3V rms
EN61000-4-6: 1A/m
EN61000-4-8: 1A/m

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