

DESCRIPTION

200W 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: 200W

PRODUCT HIGHLIGHT

Efficiency Level: $\geq 88\%$
Output Voltage: 48 VDC
Size: 201.5 (7.93") x 105.0 (4.13")
 x 40.5 (1.59") mm

INPUT SPECIFICATION

Input Type: AC-DC
Input Voltage: 90~264 Vac
Input Frequency: 47~63 Hz
Input Current: $\leq 2.7A : 100 VAC / \leq 1.2A : 230 VAC$
Earth leakage current: $\leq 0.5mA$

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1
 48 V , 4.16 A

MECHANICAL

Dimension: 201.5mm(L) x 105.0mm(W)
 x 40.5mm(H)
Cooling: Convection cooling
Connector Type-Input: Dinkle DT-49-B01W-05 or equivalent
Connector Type-Output: Dinkle DT-49-B01W-05 or equivalent
Remote Control: No



SAFETY STANDARD APPROVAL



ENVIRONMENTAL SPECIFICATION

Storage temperature: -20°C to +70°C
Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

Efficiency: 88% minimum on all models
Hold-up time: 10 ms minimum at 10 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, $\pm 8 KV$ Air ; $\pm 4 KV$ contact
EN61000-4-3: 3V/m
EN61000-4-4: Fast transient/burst, $\pm 1 KV$
EN61000-4-5: Surge, $\pm 1 KV$ diff., $\pm 2 KV$ com.
EN61000-4-6: 3V rms
EN61000-4-8: 1A/m

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