Industry
FSP400-1FUC-48

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 ℃
- Air Convection Cooling
- Protection: Over Voltage, Over Temperature, Short Circuit & Over Power
- High Reliability
- High Density
- MTBF 100,000 hours at 25℃
- EMC class B
- ITE Approval

SAFETY STANDARD APPAOVAL

WATTAGE
Wattage:	400W

PRODUCT HIGHLIGHT
Efficiency Level:	≧ 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:	≦ 4.9A : 100 VAC / ≦ 2.0A : 230 VAC
Inrush current:	40A @ 230Vac (Typ.)
Earth leakage current	≦ 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
Conntector Type-Output:	Dinkle DT-49-B01W-07 or equivalent
Remote Control:	No

ENVIRONMENTAL SPECIFICATION
Storage temperature:	-40℃ to +70℃
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 ℃ 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
EN61000-4-5:	Surge, ±1 KV diff., ±2 KV com.
EN61000-4-6:	3V rms
EN61000-4-8:	1A/m