



APS-DR1240C-24

DIN-RAIL Power Supply, 240W Output Power



Features

- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 2 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Overvoltage protection
- Overload protection
- Short circuit protection
- Optional alarm signal / redundant function

Specifications

Model Name	APS-DR1240C-24
INPUT	
Input voltage	100~240VAC/120~370VDC
Input frequency	47~63Hz
Inrush current (Cold start)	110VAC / 4.4A, 230VAC / 2.2A
OUTPUT	
Output Power	240 W
Output Voltage	24 VDC
Hold-up time (Full load@230VAC)	40mS Min.
Temp. Coefficient	±0.04% / °C
Overvoltage protection	Auto recovery
Overload protection	Power limited
Short circuit protection	Auto recovery
O/P voltage Adjustment	+24VDC ± 10%
Loading (A) (Min. Rated Max)	0A 10A 10A
Ripple Noise	150mVp-p
Line Reg.	±1%
Load Reg.	±2%
Efficiency	82%
Over voltage Protection	27~30VDC
Output Power	240 W
Transient response. (Load change 50% to 100%)	
Voltage deviation	5%
Recovery time	2mS
EMC STANDARDS	
EN 55011	Class B
EN 55022	Class B
EN 61000-4-2	Level 3
EN 61000-4-3	Level 3
EN 61000-4-4	Level 3
EN 61000-4-5	Level 3
EN 61000-4-6	Level 3
EN 61000-4-8	Level 3
EN 61000-4-11	Level 3
Environmental	
Operating temperature	-40°C ~ 40°C ambient, derating each output at 2.5% per degree from 50°C to 70°C
Operating humidity	Non-condensing, 5% ~ 95%RH
Vibration	Random vibration, 10Hz ~ 100Hz, 3axis
MTBF	60,000hrs Min. Per MIL-HDBK-217F, 25°C GB.
Certification	CE, UL, CSA

Dimension Drawing

Model Name: APS-DR1240C-24
Size Unit: inch(mm)

