AC ➡ DC SWITCHING POWER SUPPLY

EX91240-24C

Features

E159228

DIMENSIONS:100(H)*110(D)*90(W)mm
CASE NO.:CS240DR

- Convection cooled
- 100% full load burn-in test
- Parallel use (1+1)
- MOSFET designed
- 110,000Hrs MTBF per MIL-HDBK-217F
- 2-year warranty
- Output modify range: 3V~400VDC
- Parallel / Split rail / Series connection possible

General specifications

INPUT

Input range	100~240VAC 127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC
Power Factor	95% Min.

OUTPUT

Hold-up time	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Autorecovery

Power Ready Signal (Optional)

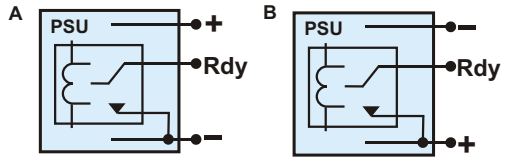
Redundant function (Optional)

Detail specifications

240 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) 1			Ripple & Noise 4	Line REG. 2	Load REG. 3	Efficiency 5	O.V.P. Trip point
		Min.	Rated	Max.					
EX9240D-24C	V1: +24V ±10%	0A	10A	10A	150mVp-p	±1%	±1%	80% Min.	27.6 ~ 31V

Rdy Connection



A: Rdy Internal Connection of T Type Terminal Black
B: Rdy Internal Connection of E Type Terminal Black

Please Choose Fit Function,
And Fill In The Blank With Suitable Words.

Order Model:EX91240D-24C□□

Optional Function:

Terminal Block: **"T"** : PCB Barrier Terminal Block
"E" : Mini Terminal Block

Without Function: "N"

Power Ready Signal and Redundant

EMC Standards

EN55022 CLASS B,EN55024
EN61000-3-2, EN61000-3-3
IEC61000-4-2,IEC 61000-4-3,
IEC61000-4-4,IEC 61000-4-5,
IEC61000-4-6,IEC 61000-4-8,
IEC61000-4-11

Safety Standards

UL 60950 APPROVAL

CSA 60950 APPROVAL

CE 60950 Marking

Environments

Operating Temperature	-15 ~ 50°C, Ambient
Operating Humidity	5 ~ 95% RH, No Condensing
Storage Temperature	-20 ~ 85°C, Ambient
Vibration	2G, 10~500Hz, 3 axes

NOTE:

1. Each output can provide up to maximum load, but total load can not exceed rated output power.
2. Line regulation is measured from low line to high line at rated load.
3. Load regulation is measured from 20% to 100% of rated load at 110VAC input. (Redundant function Sepc. 0.6V Add.)
4. Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 110VAC input.
5. Efficiency is measured at rated load and 110VAC input.
6. Hold-up time is measured at rated load and 110VAC input.

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