

AC/DC Ultra Slim Step Shape DIN Rail



Features

- Ultra-Slim Step Shape Design
- LED Indicator
- LPS Compliance
- Adjustable DC Output Voltage
- DIN Rail Mountable: Fits TS-35/7.5 or TS-35/15
- Protections :
Short circuit / Over voltage / Over current
Over temperature
- No Load Power Consumption ≤ 0.3W
- MTBF > 100,000 hours

EP110A U S - XX YY

- U: Output range
S: With LPS or Blank
XX: Specified output voltage, i.e. 12 is 12VDC
YY: Differential segmentation

General Specification

OUTPUT

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
EP110AAS	85.2W	12V	0A	7.1A	± 2%	± 1%	120mV
EP110AA	90W	12V	0A	7.5A	± 2%	± 1%	120mV
EP110ABS	92W	15V	0A	6.13A	± 1%	± 1%	120mV
EP110AB	97.5W	15V	0A	6.5A	± 1%	± 1%	120mV
EP110ACS	92W	24V	0A	3.83A	± 1%	± 1%	150mV
EP110AC	100.8W	24V	0A	4.2A	± 1%	± 1%	150mV
EP110ADS	92.2W	48V	0A	1.92A	± 1%	± 1%	240mV
EP110AD	100.8W	48V	0A	2.1A	± 1%	± 1%	240mV

- NOTE:
- 1 : Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- 3 : Max. Power (W) ≥ Vo x Io

INPUT

- Input Range100 to 240 VAC
- Frequency50 to 60Hz
- Input Current≤ 3A
- Inrush Current≤ 70A
- Hold up time≥ 30ms
- Turn On Time≤ 1s

PROTECTION

- Short Circuit ProtectionAuto Recovery
- Over Voltage ProtectionAuto Recovery
- Over Current ProtectionAuto Recovery
- Over Temperature ProtectionAuto Recovery

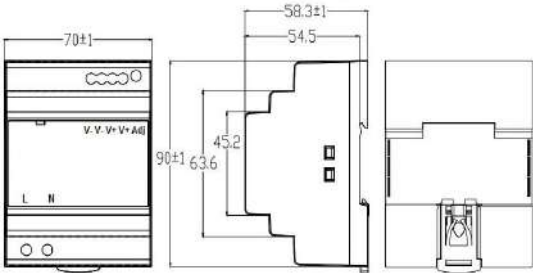
ENVIRONMENTAL

- Operating Temperature-30 to 70°C
- Storage Temperature-40 to 85°C
- Operating Humidity10% to 95 %
- Storage Humidity5% to 95 %

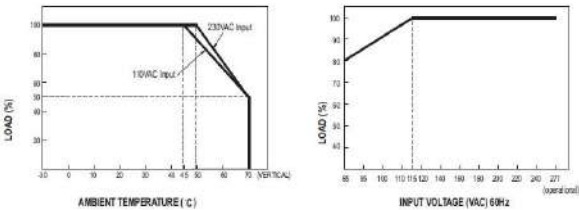
SAFETY

- Complied with UL 62368-1, CAN/CSA C22.2 No. 62368-1, TUV EN 62368-1 , CB IEC 62368-1, FCC Part 15B, CE EMC(EN 55032+EN 55035), UL 61010-1, UL 61010-2-201

MECHANICAL



DERATING CURVE



- Mechanical Size: 90L x 70W x 58.3H (mm)
- Weight: 250g