

For Step and Servo Motor Application

Features

- Fan cooled (PCB Damp Proof Process)
- Isolated housing
- CEMF (Counter-ElectroMotive Force)
- Build-in Line Filter
- MOSFET designed
- 240,000 Hrs MTBF per MIL - HDBK - 217F
- 1 years Warranty
- Split rail & Series connection possible



DIMENSIONS: 173.5(L) x 1127(W) x 52(H) mm
WEIGHTS: 1890g

General specifications

INPUT

Input range 90~132/180~264VAC (Selectable)
220~380VDC
Input frequency 47~63Hz
Inrush current (25°C) 25A/ 110VAC
50A/ 220VAC

OUTPUT

Hold-up Time 16mS
Short Protection Autorecovery
Overload Protection Automatic Power Limited
Over Voltage Protection Autorecovery

Detail Specifications

200 Watts (300 Watts Peak)

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.					
MSPS1200-24	V1: +24V ±10%	0A	8.3A	12.5A	150mVp-p	±1%	±5%	78% Min.	27.6 ~ 30V
MSPS1200-48	V1: +48V ±10%	0A	4.2A	6.25A	250mVp-p	±1%	±3%	80% Min.	54 ~ 60V
MSPS1200-75	V1: +75V ±10%	0A	2.6A	4A	300mVp-p	±1%	±2%	83% Min.	90 ~ 120V
MSPS1200-100	V1: +100V ±10%	0A	2A	3A	300mVp-p	±1%	±2%	84% Min.	130 ~ 155V

EMC Standards

EN 55032, EN 55024
EN 61000-3-3, (EN 61000-4-2,
EN 61000-4-3, EN 61000-4-4,
EN 61000-4-5, EN 61000-4-6,
EN 61000-4-8, EN 61000-4-11)
LVD: EN 62368-1:2014

Safety Standards



UL 508

CE Certified

Environments

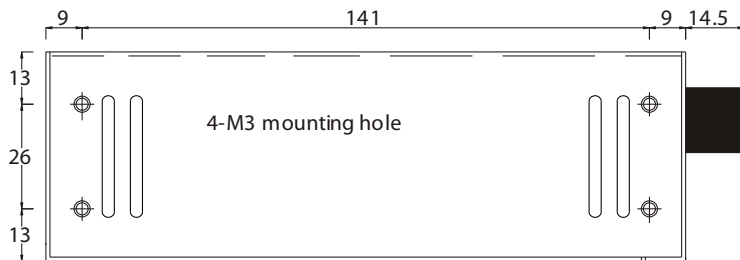
Operating Temperature -15 ~ 50°C, Ambient
Operating Humidity 20 ~ 95% RH, No Condensing
Storage Temperature -20 ~ 85°C, Ambient
Vibration 2G, 10~500Hz, 3 axes

No Load consumption 1.5W and No Energy Conservation Power Erp Regulation

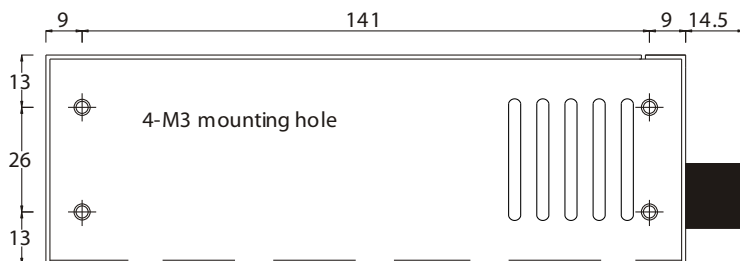
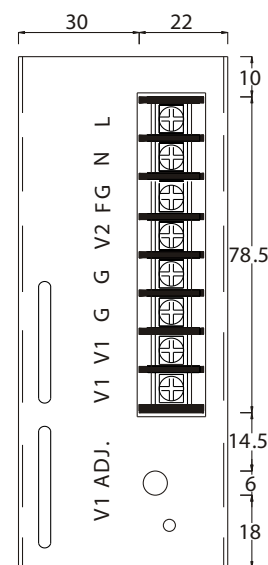
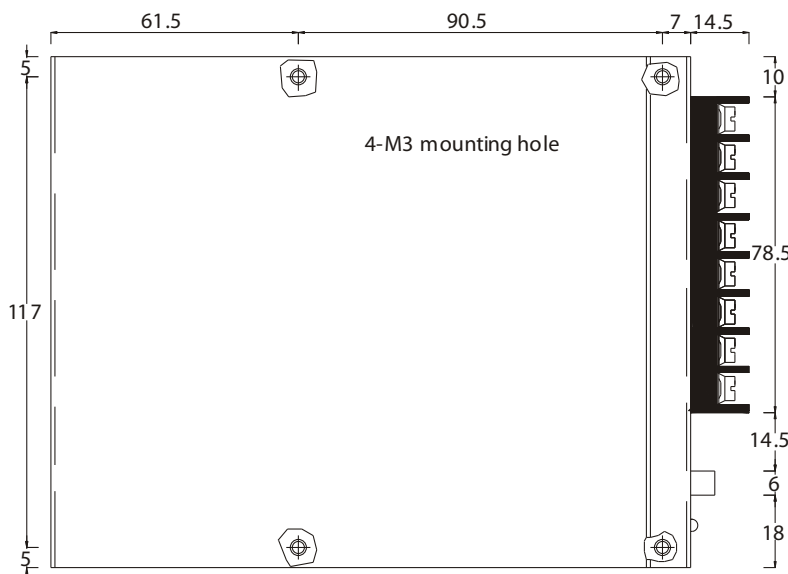
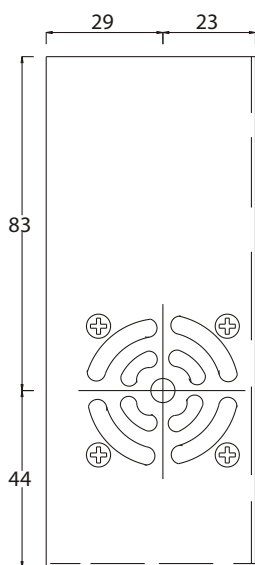
- NOTE:
1. Each output can provide up to maximum load, but total load can not exceed rated output power.
 2. Line regulation is measured from low line to high line at rated load.
 3. Load regulation is measured from 20% to 100% of rated load at 220VAC input
 4. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
 5. Efficiency is measured at rated load and 220VAC input
 6. Hold-up time is measured at rated load and 220VAC input
 7. Output Voltage Adjustable is measured at 5% of rated load

The factory retained the right to modify all specifications without notice

Mechanical Details



Unit: mm
Material: Aluminium
Colour: Black



Connection Terminal

Unit : mm
Dimension : 52(H)x173.5(L)x127(W)
Material : Aluminum
Color : Black

Signal	Description
L	AC Live Input
N	AC Neutral Input
FG	Frame Ground (Earth) \oplus
NC or V2	No Connection or Optional Voltage Output
G	DC Negative Output Terminal
V1	DC Positive Output Terminal
V1 adj.	Potentiometer For Output Voltage

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