



Quick Reference Guide



Power Supply Modules MS-01,02,03

ELECTRONIC AUTOMATION (P) LTD

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INTRODUCTION

Thank you for purchasing EAPL'S Power Supply. This instruction manual describes every aspect of installation, set-up, and operation of the Power Supply. If you run into difficulties and need technical assistance, feel free to call our technical support at (080) 8567561 available between 9 AM – 5:30PM IST or visit our web site at www.eaplindia.com.

EAPL, an ISO 9001 company, leaders in Timer Technology Brings to you a new range of micro controller based programmable timers. High reliability, accuracy, compactness are some of the striking design features.

Uncompromising quality with cost effectiveness has been the watchword at EAPL.

For Customer Use

Enter below the serial Number which is located on the timer cabinet. Retain this information for future reference.

Model No:

Serial No:

Batch No:

Date of Purchase:

Purchase Point:

Accessories

- Power Supply (MS-01,02,03)
- Quick reference guide

Note: Please acknowledge that we reserve the right to make changes in product performance or specifications without prior notice. Also please note that we bear no responsibility for mistakes, misprints or omissions of the instruction manual Specifications.

Salient Features

MS Series power supply modules are

- High quality
- Low ripple and low noise power supplies
- Housed in a compact enclosure
- Suitable for direct din-rail mounting for fast assembly.

Ordering Information

Model	Function	Input Voltage	Output Voltage
MS-01	Switch Mode Power Supply	192 to 264 V AC	24V DC
MS-02	Switch Mode Power Supply	170 to 300 V AC	24V DC
MS-03	Switch Mode Power Supply	170 to 300 V AC	24V DC

Specifications

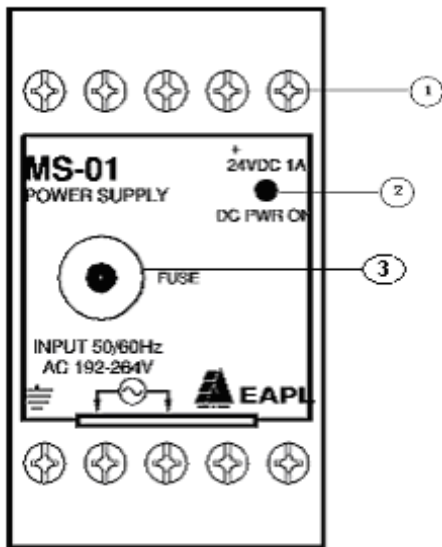
	MS-01	MS-02	MS-03
Function	Switch Mode Power Supply		
Input voltage	192 to 264 V AC	170 to 300 V AC	170 to 300 V AC
Output voltage	24V DC		
Output current	1.0 A	2.1 A	5 A
Output power	24 W	50W	120W
O/P Voltage accuracy	± 2 %		
Adjustable Voltage range	-	+10%@50W	+10%@120W
Regulation	I/P variation: ± 0.5% (line regulation) Load variation: ±2.5% (load regulation)		
Ripple & Noise	<50m V p-p ≤150m V (20MHz, Bandwidth)		
Efficiency	85%		
Hold on time	20msec min with 100% load@rated I/P voltage		
Rise Time max. up to 90% of rated O/P voltage with 100% load @ rated input & output	<100 msec		
Operating Temperature	-10°C to +55°C		
Storage Temperature	-10°C to +80°C		
Humidity	85% RH@40°C		
Insulation resistance	1000M ohms@500V DC		
Electrical Connection	Screw Type terminals with self lifting clamps		
Mounting	Snap on mounting on 35mm Din-Rail		

Operating Instructions



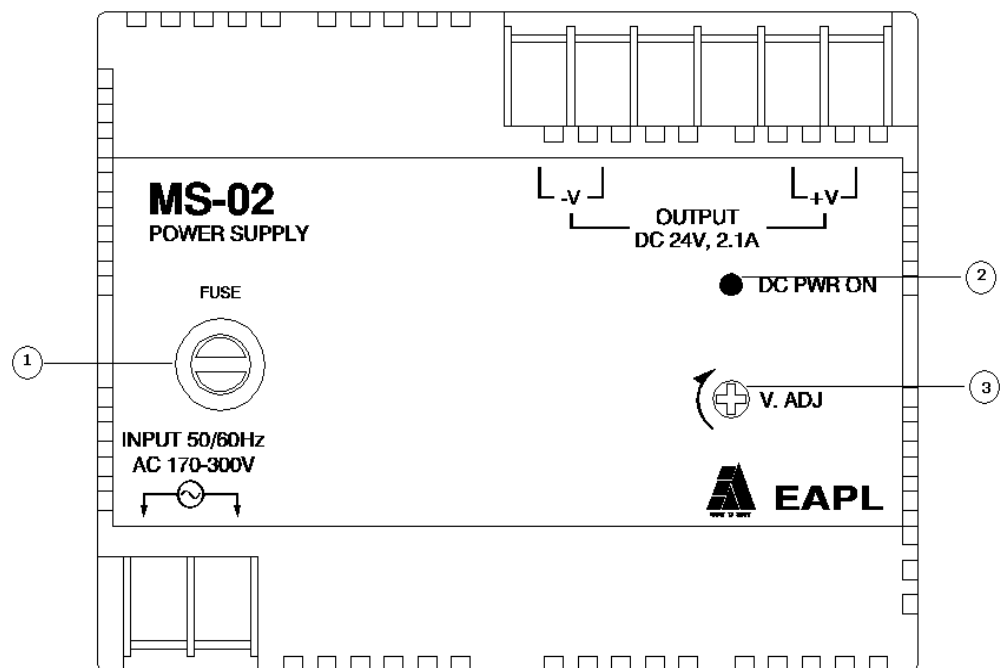
- DO NOT apply source voltage other than specified.

Front Panel MS-01

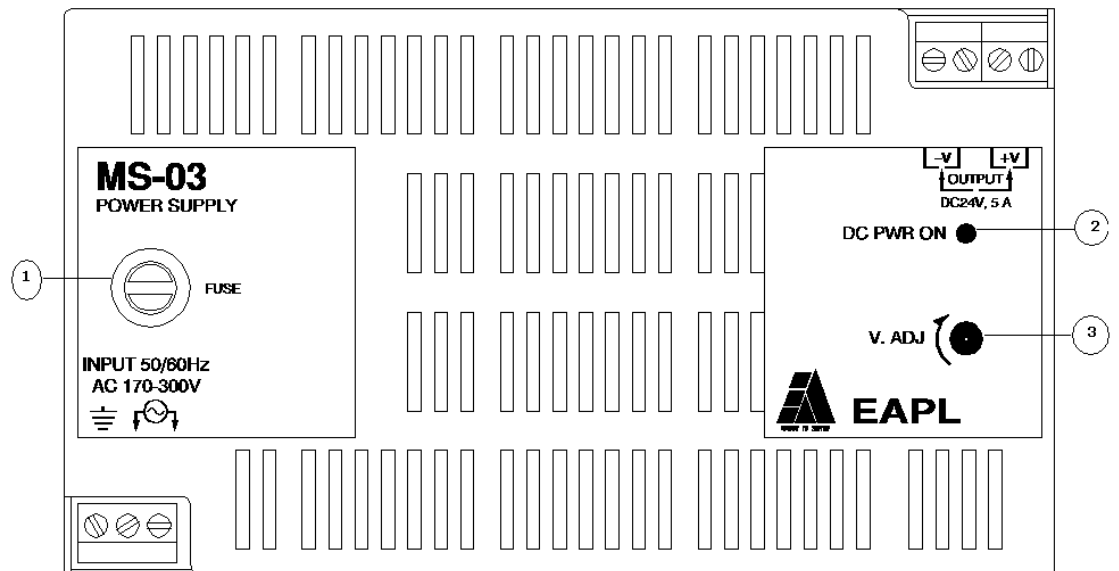


- 1 SCREW TYPE TERMINALS WITH SELF LIFTING CLAMPS
- 2 LED
For DC power ON indication.
- 3 FUSE

Front Panel MS-02

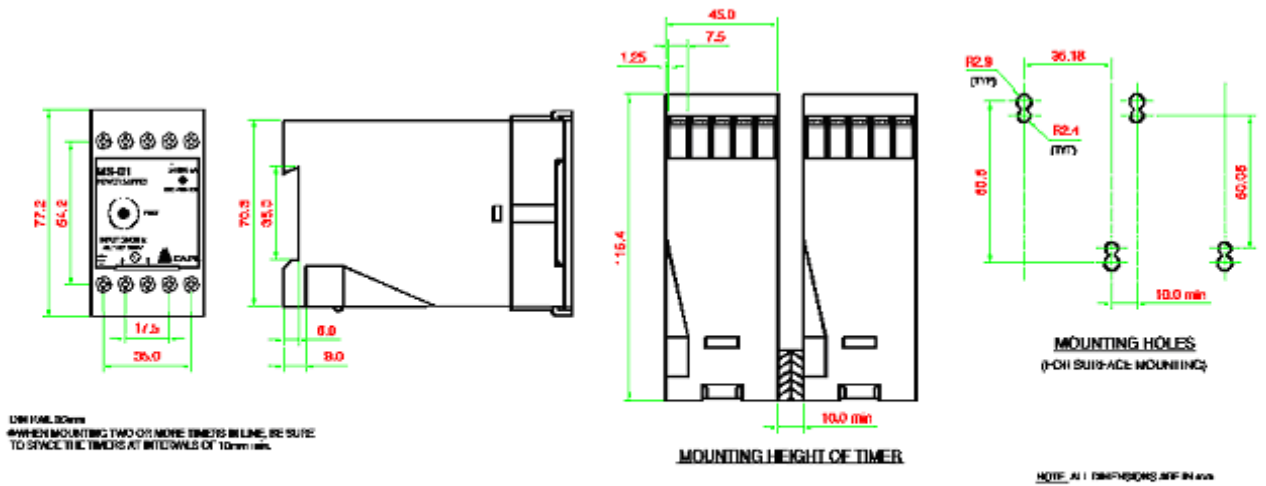


Front Panel MS-03

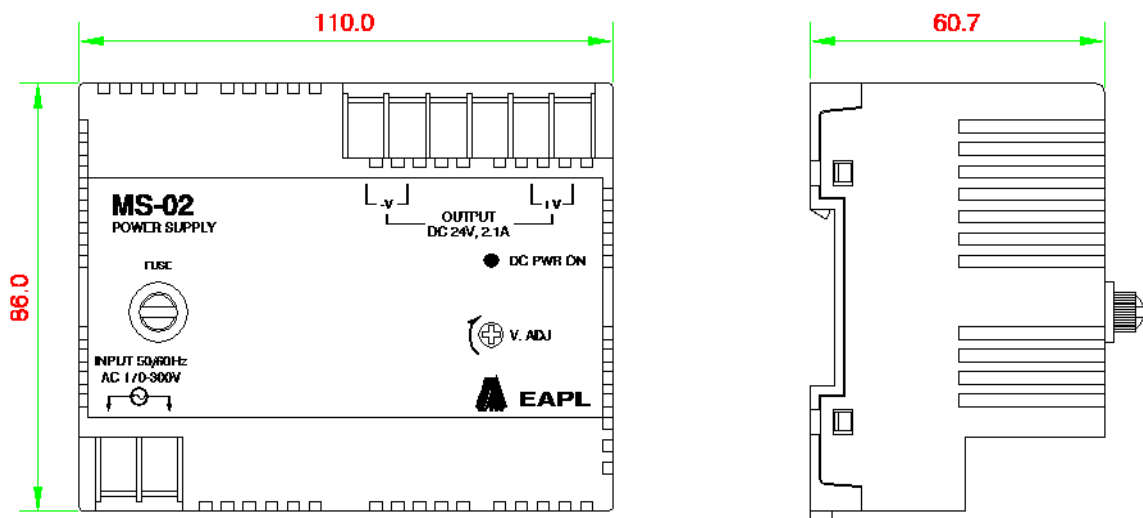


- 1 FUSE
- 2 LED
For DC power ON indication.
- 3 POT
To adjust the output DC voltage according to specification.

Dimension MS-01



Dimension MS-02



Power Supply Modules

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Dimension MS-03

