

Power Supply

The power supply adopts terminal blocks as connectors, and can be used to power the device. Multiple specifications are available.

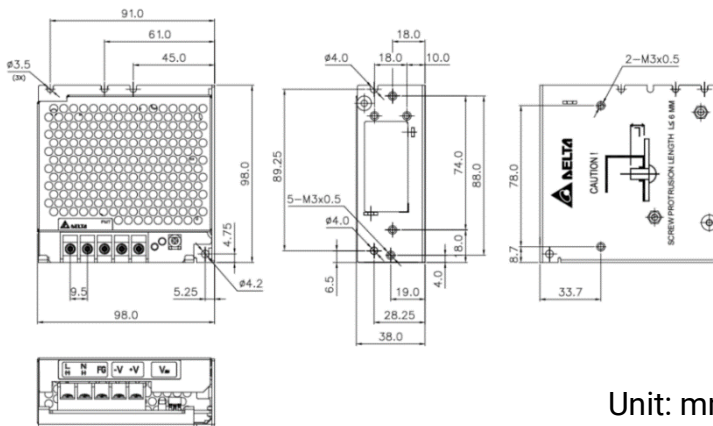
Available Model

- 12 V 4.2 A Power Supply: LRS-50-12
- 24 V 6.4 A Power Supply: LRS-150F-24
- 24 V 2.2 A Power Supply: LRS-50-24
- 48 V 1.6 A Power Supply: LRS-75-48



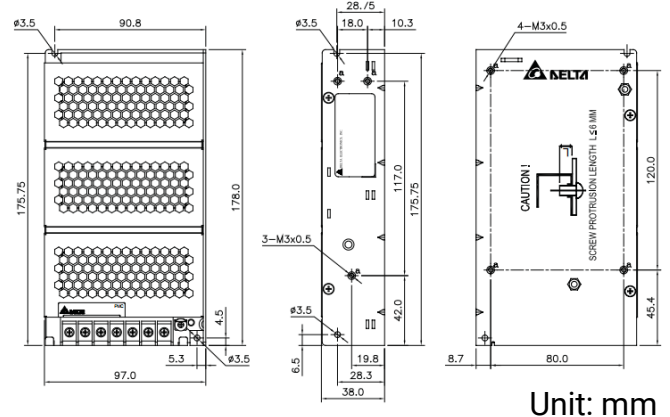
Dimension

LRS-50-12:



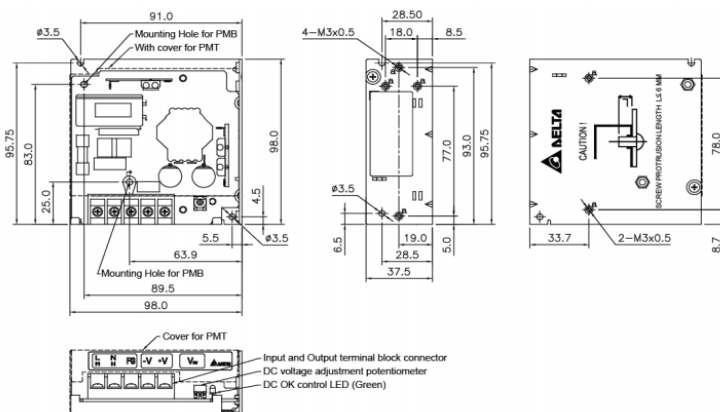
Unit: mm

LRS-150F-24:



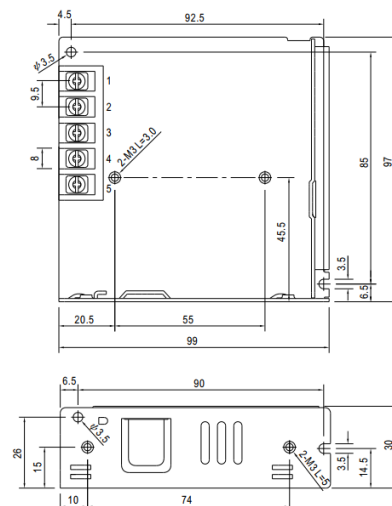
Unit: mm

LRS-50-24:



Unit: mm

LRS-75-48:



Unit: mm



Specification

Model	LRS-50-12	LRS-50-24	LRS-150F-24	LRS-75-48
Parameter	Power Supply			
Physical specification				
End A connector	Terminal block (220 VAC Input)		Terminal block (220 VAC/DC Input)	
End B connector	Terminal block			
Applicable scenario	Static			
Electrical specification				
Input voltage	90 VAC to 264 VAC	85 VAC to 264 VAC	85 VAC to 264 VAC 125 VDC to 375 VDC	85 VAC to 264 VAC 120 VDC to 373 VDC
Input current	1.1 A @ 115 VAC 0.7 A @ 230 VAC	1.1 A @ 115 VAC 0.65 A @ 230 VAC	1.7 A @ 115 VAC 1 A @ 230 VAC	1.4 A @ 115 VAC 0.85 A @ 230 VAC
Output power	50 W max.	50 W max.	150 W max.	76.8 W max.
Output voltage	12 V	24 V		48 V
Output current	0 A to 4.17 A	0 A to 2.09 A	0 A to 6.25 A	0 A to 1.6 A
Over current protection	> 120% of rated current, hiccup mode, non-latching (auto-recovery)		> 120% of rated current, hiccup mode	
Over voltage protection	Overvoltage protection range: 13.8 V to 16.2 V Protected mode: Turn off the output voltage, restart and restore.	Overvoltage protection range: 28.8 V to 33.6 V Protected mode: Turn off the output voltage, restart and restore.	Overvoltage protection range: 28.8 V to 33.6 V Protected mode: Turn off the output voltage, restart and restore.	Overvoltage protection range: 55.2 V to 64.8 V Protected mode: Turn off the output voltage, restart and restore.
MTBF	700,000 h (Standard: Telcordia SR-332)	200,000 h (Standard: Telcordia SR-332)	700,000 h (Standard: Telcordia SR-332)	3,334,300 h (Standard: Telcordia SR-332)
Additional information				
Working temperature	-10 °C to 70 °C (14 °F to 158 °F) (For temperatures above 50 °C, the output load decreases by 2.5% for every degree increase in temperature.)		-30 °C to 70 °C (-22 °F to 158 °F) (For temperatures above 50 °C, the output load decreases by 2% for every degree increase in temperature.)	
Certification	CE, UL, CCC, NRCan, EAC	CE, UL, CCC	CE, UL, CCC, SIQ	CE, UL, CCC, EMC, EAC, TUV, UK
Packaging	Individual package			

HIKROBOT

Hangzhou Hikrobot Co. Ltd.
en.hikrobotics.com

© Hangzhou Hikrobot Co., Ltd. All Rights Reserved.

Hangzhou Hikrobot does not tolerate any infringement. Any organization or individual may not imitate or reproduce in whole or in part of the content. The data herein is based on Hikrobot's internal evaluation. Actual data may vary depending on specific configuration and operating condition. The information herein is subject to change without notice. All the content has been checked conscientiously. Nevertheless, Hikrobot shall not be liable to damages resulting from errors, inconsistencies or omissions.