

Product Feature

1. Universal AC input/Full range
2. Protections:Short circuit/Overload/Over voltage/Over temperature
3. Cooling by free air convection
4. Can be installed on DIN rail TS-35/7.5 or 15
5. 100% full load burn-in test
6. 3 years warranty
7. Power:120W

Safety regulations and electromagnetic compatibility

- Safety specification TUVBS EN/EN62368-1,BMI CNS14336-1
- Withstand voltage

Input-output :3KVAC, input-ground:2KVAC, output-ground:0.5KVAC

- Insulation impedance

Input-output and input -output -ground:100M Ohms/500VDC/25°C, 70%RH

- Electromagnetic compatibility

Meet EN55032,EN55014,EN61000-3-2,GB/T 9254,BSMI CNS13438, FCC Class A

Note:The power supply should be considered as part of the components in the system,and the electromagnetic compatibility should be confirmed with the terminal equipment



3 years
Warranty

510g/Typ.

Environment

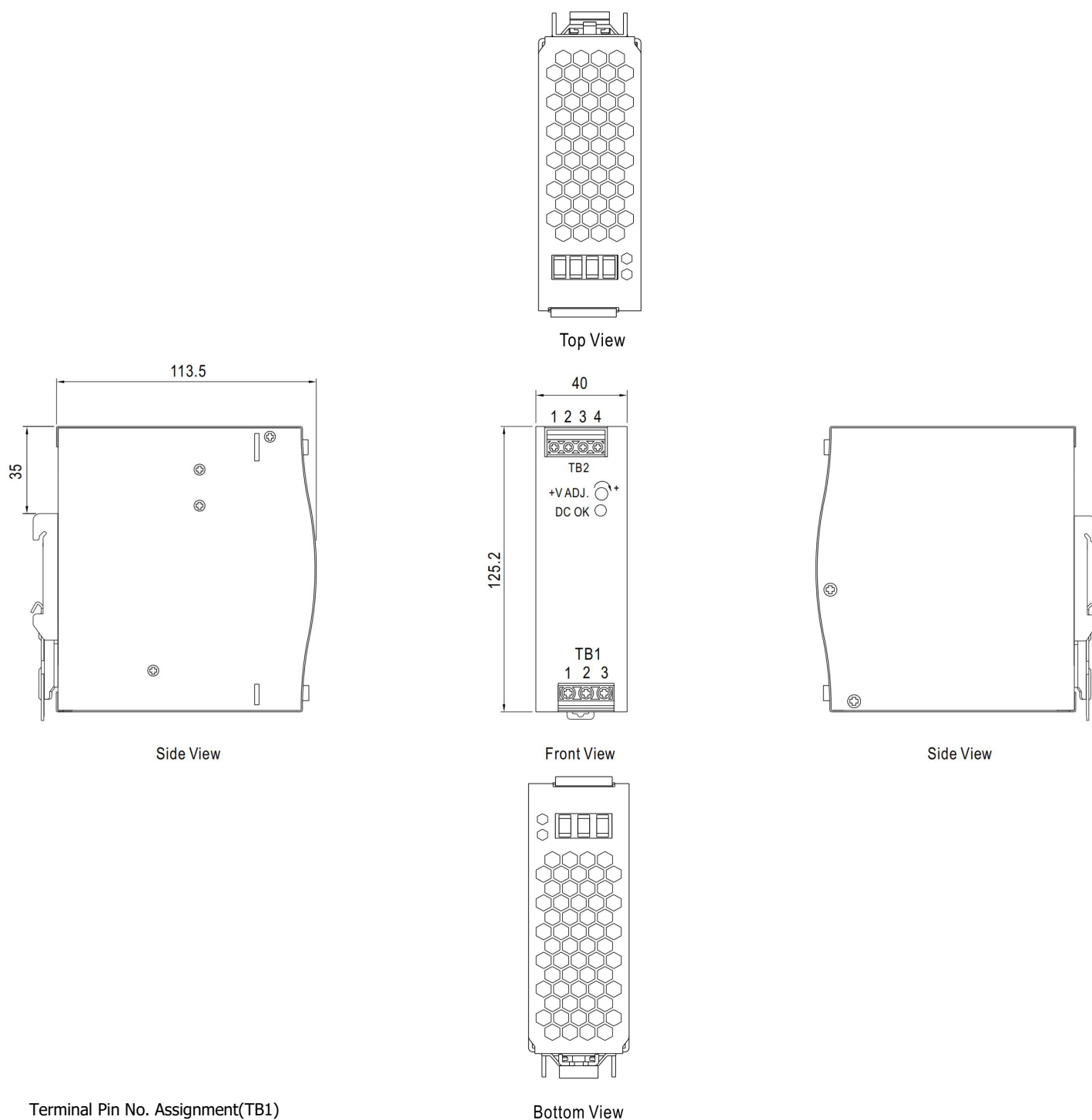
- Operating temperature/humidity
-30°C+70°C/20-90%RH,non-condensing
- Storage temperature/humidity
-40°C+85°C/10-95%RH, non-condensing
- MTBF
>50KH MIL-HDBK-217F(25°C)

Electrical Specifications

Model number	DME-120-12	DME-120-24	DME-120-48
DC output	12V	24V	48V
Rated current	10A	5A	2.5A
Current range	0~10A	0~5A	0~2.5A
Ripple and Noise (20MHz)	100mVp-p	120mVp-p	150mVp-p
Voltage adjustment range	12-14V	24-28V	48-55V
Output stability	1%		
Load adjustment rate	±1%	±1%	±1%
Input voltage range	AC 88V-264V DC 120V~370V		
Frequency range	47-63Hz		
Efficiency(230VAC)	85%	88%	90%
Overload protection	105%~135%		
	Protection mode:Constant current mode:automatically recovers after the exception is cleared		
Overvoltage protection	Output voltage 110%~140%		
	Protection mode:hiccup mode,which automatically recovers after an exception is eliminated		
Short circuit protection	Output terminal short circuit		
	Protection mode:hiccup mode,which automatically recovers after an exception is eliminated		
Over-temperature protection	Protection mode:The output is turned off and can be restored after the power is restarted		
Temperature coefficient	±0.03% 1°C(0-50°C)		
Dimension	40*113.5*125.2mm		
Weight	0.51kg		

Mechanical Specification

Unit:mm



Terminal Pin No. Assignment(TB1)

Pin	Function
1	FG
2	AC/N or DC-
3	AC/L or DC+

Terminal Pin No. Assignment(TB2)

Pin	Function
1,2	DC OUTPUT -V
3,4	DC OUTPUT +V

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