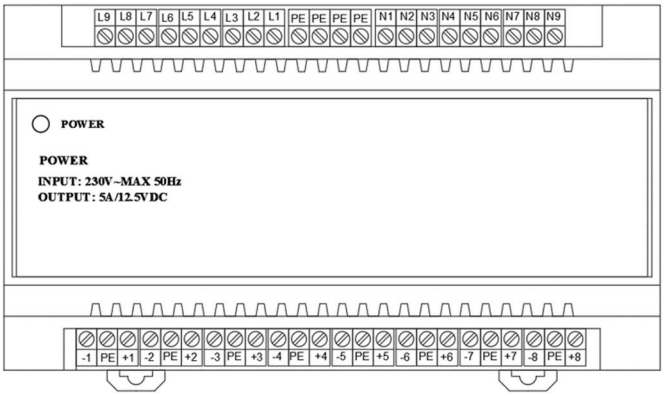
AST-PS60 Power supply unit

> 60 Watt Cresnet® power supply module
> Powers the AST-CCU Central control unit, AST-SCU Socket control unit *and other devices*
> Includes six terminal *power ports*
> 6M wide DIN rail mounting
> 100-240 Volt AC line powered

The AST-PS60 is a 60 Watt Power Supply module designed to snap onto a standard DIN rail for installation in a wall-mount enclosure. DIN rail mounting enables modular installation alongside DIN Rail lighting and automation control modules and other third-party DIN rail-mountable devices. All wiring connections are made using screw terminals positioned along the top and bottom of the unit, which are clearly accessible from the front for easy installation and servicing. Six terminal power ports are provided.



SPECIFICATIONS

Output

Output Rating: 60 Watts (5.0 Amps) at 12 Volts DC, regulated, limited power source
Ripple/Noise <1.5%, Efficiency: 85%

Input

Line Power/Mains: 200 VA (2 Amps max.) at 100-240 Volts AC, 50/60 Hz
Input Current:
1.1 Amps at 120 Volts AC; 0.65 Amps at 230 Volts AC; 0.57 Amps at 240 Volts AC;
Measured at full rated output
Power Consumption: 65 Watts at full rated output

Connections

L1-5,N1-5: 2 Set of 5 captive screw 7.62mm terminals. Line power 100-240VAC 50/60Hz input;
Maximum Wire Size: 12 AWG (2.5 mm²)
Fuse AC input fuse 3.5A 3.6x10 mm
1-5+,1-5-: 2 Set of 5 captive screw 7.62mm terminals power 12VDC-5A output;
Maximum Wire Size: 12 AWG (2.5 mm²)
Fuse DC output fuse 5A 5x20 mm
PE: 2 Sets of 2 captive screw 5.0mm terminals grounding wire

Indicators

12VDC: Green LED, indicates 12 Volts DC output at all terminal ports;
Note: Lamp off when the fuse blown

Enclosure

Light gray polycarbonate housing with polycarbonate label overlay,
UL 94 V-0 rated, 35 mm DIN EN 60715 rail mount, DIN 43880 form factor for enclosures with 45 mm front panel cutout, occupies 6 DIN module spaces (108 mm)

Environmental

Temperature: 32° to 104° F (0° to 40° C)
Humidity: 10% to 90% RH (non-condensing)
Heat Dissipation: 35 BTU/hr

Dimensions

Height: 93 mm
Width: 107 mm
Depth: 59 mm
Weight: 190 g

MODELS & ACCESSORIES

Available Models

AST-PS60: 60 Watt AST Power Supply

Available Accessories

AST-EMI10: Ferrite Core EMI Filter 18x10x28mm Cores Ring Anti-Parasitic Toroide Toroidal Bead Coil Ferrites Ferrous Suppression
EXP12IN12OUTIPS
EXP20IN20OUTIPS

Notes:

This product may be purchased from an authorized Unisstant dealer. To find a dealer, please contact the Unisstant sales representative for your area. A list of sales representatives is available online Unisstant-eu.com
The specific patents that cover Unisstant products are listed online at: Unisstant-eu.com
Certain Unisstant products contain open source software. For specific information, please visit Unisstant-eu.com
Other trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Unisstant disclaims any proprietary interest in the marks and names of others. Unisstant is not responsible for errors in typography or photography. Specifications are subject to change without notice.
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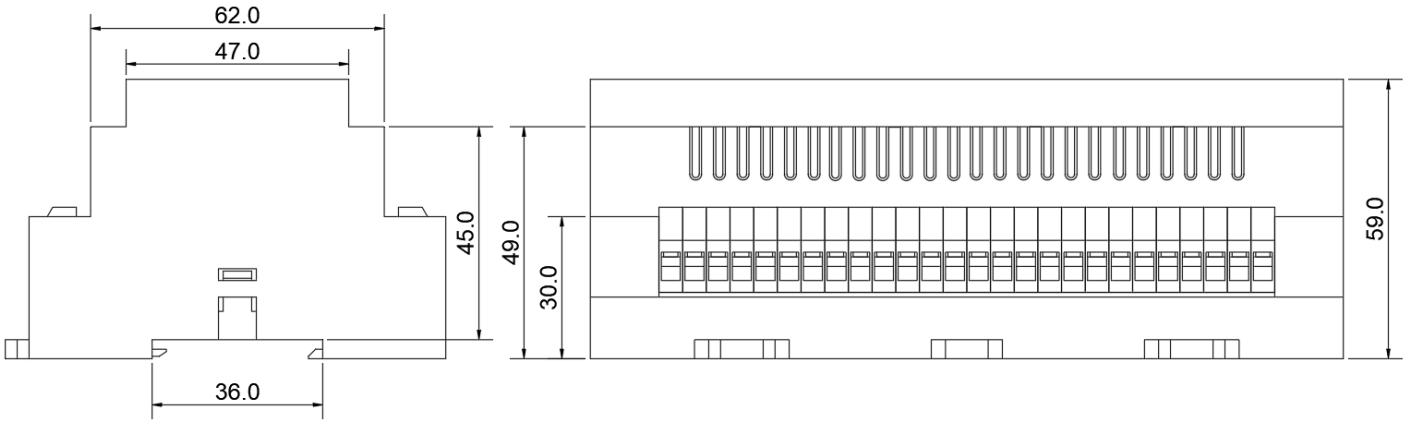
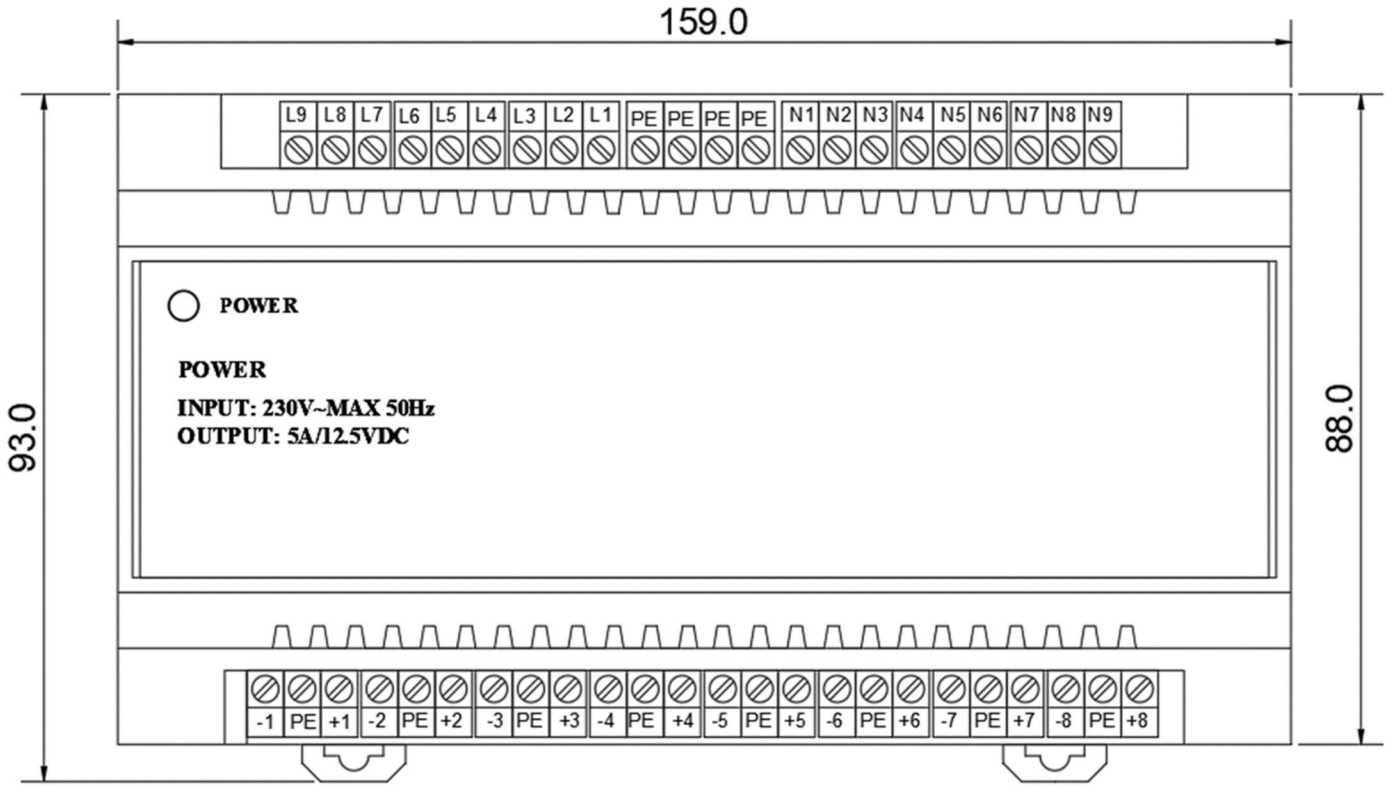
Limited liability

The safety features of this solution are to prevent electric accidents rather than to use them. These safety features

should be checked every 6 months to ensure proper operation. Users should not self-test this safety feature. Equipment testing should be carried out by qualified technicians.
The manufacturer / distributor of the equipment is responsible for the warranty of the device, and is not responsible for any damages caused by the equipment failure or incident related to the device.





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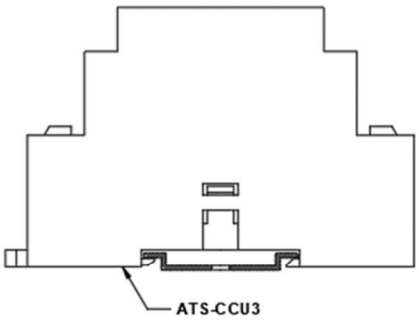

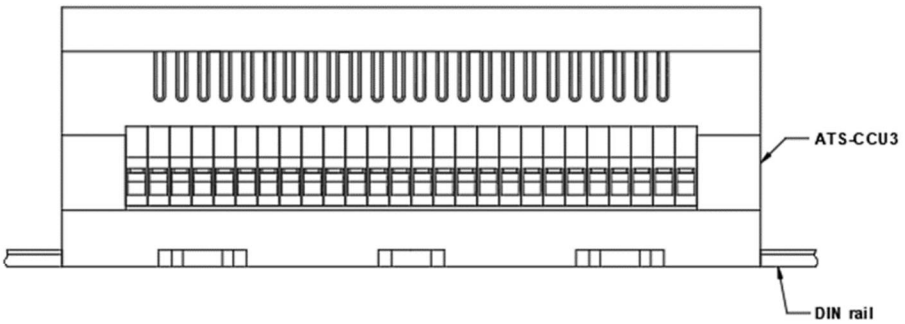

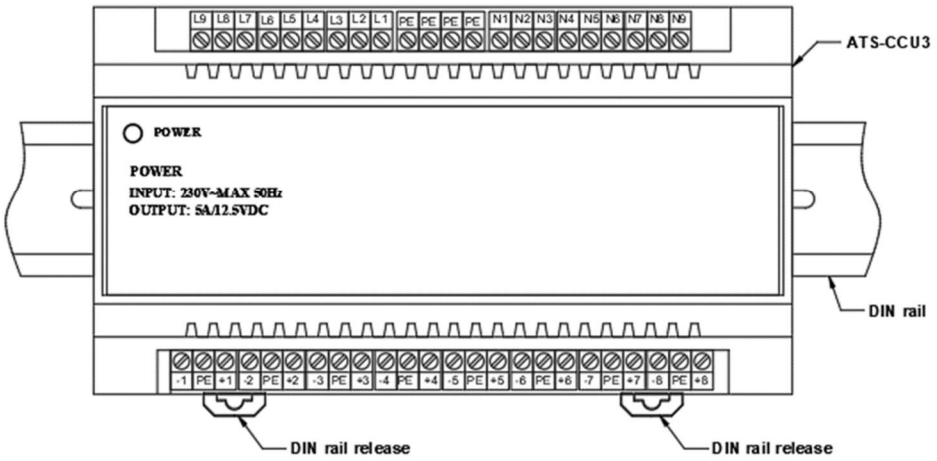

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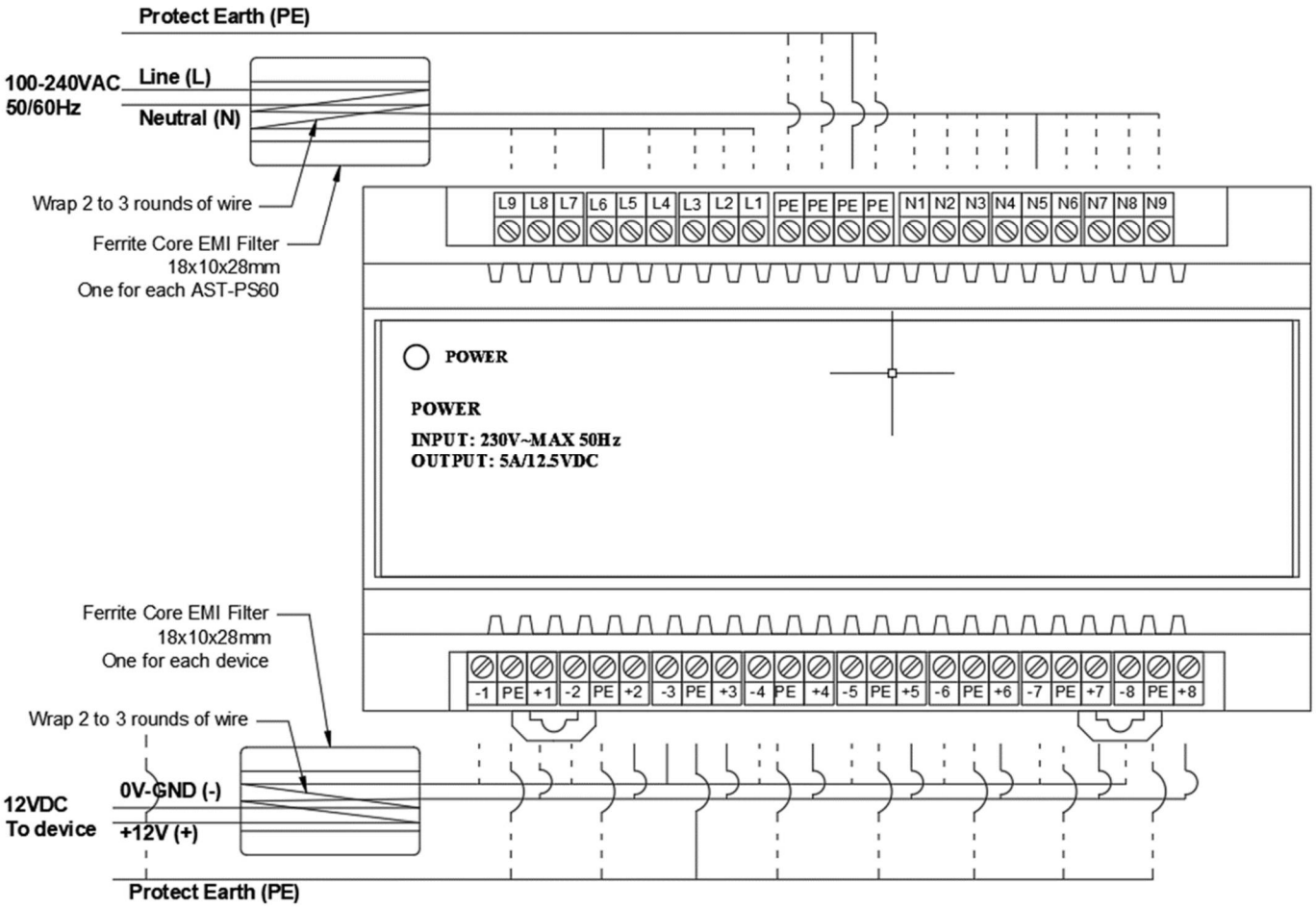

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