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## AL-PSE-DIN 2 or 4 port Distribution panel for 4 x 96 Watts Class 2 Power and DALI data

### [Product Description - AL-PSE-DIN](#)

This structured wiring panel device mounts into the standard Leviton 47605 case and provides Class 2 power from Class 2 inputs to 2 or 4 power outputs. Ideal for up to 60 light fixtures and up to 32 Light switches.

No output can exceed the power supplied by any one input – input power is NOT consolidated, therefore regardless of the number of supplies attached, the output current remains Class 2 assuming that the input power supply is class 2 (100 watts) per NEC 2017 requirements.

It has four DIN4 type power inputs ( designed for the AL-PS-51v96w supplies), directly connected to KF type connector outputs. It is housed in a case ideal for structured wiring panels.

It uses quick connect 3 pin, 5 amp rated output connectors. Voltage range is 12 to 56 volts.. Earth connection is provided for static discharge management.

Ideally matched with 2 or 4 pcs of the AL-PS-51v96w, the AL-PSE-DIN is a member of the ATX family for quick installation in Media Panels.



### DIN rail Format

Use a standard DIN rail strip - these DIN Rails have slots that fit the Leviton 47605 case using the Leviton Push pins.



### Chassis Mount

## Specifications

Power source	DIN4 connectors for the AL-PSU-51v96w (2 or 4)
AL-WS switch output power	KF246-3P ( + Power, - Power, Earth) ( 2 or 4)
Input voltage range	12v to 56 volts, 3 Amps ( 2 amps at 51v )
Current Limit	This device relies on the Class 2 current limit from the power source. For example, the AL-PS-51v96w.
Internal Power consumption	0
Failover Redundancy	Not available on this model – please see other PSE models
Operating Temperature	0°C ~ 50°C
Size	70 mm x 42 mm ( 4 ) 42 mm x 42 mm ( 2 )
Mounting tabs	DIN Rail standard, Optional Chassis mount
Hot Swap	Yes – can unplug and connect input power live
Earth Ground	Connection for earth grounding ( via DIN connector )
DIN Rail	See the T+G listing on Amazon – B07NVWD67L

## Output Voltage

The Red terminals are +51v from the AL-PS-51v96w. Black is the -51v. Gray is the Earth grounding connection. Use the AWG 18/5 wire recommended for AL-WS-DR2 installations, and fold the Yellow and White wires back for future use.

Connect Red to Red, Black to Blue and Gray to Green.

## Earth Grounding

Earth grounding is recommended for static discharge of people using the wall switches. In a proper installation with the AL-PS-51v96w power supply – the 120vac power socket should have an earth ground. That earth ground flows thru the DIN4 connector to the outputs. In cases where the AL-PS-51v96w is not used – connect an awg18 wire from the gray connector to an earth ground.

## Redundancy

Not available on this model. Contact us for an upgrade to AL-PSE-4D or AL-PSE-4

## AL-51v96w Power Brick

The AL-51v96w power supply was designed for use with the AL-PSE-DIN4, AL-PSE-4 or AL-PSE-4D

## Ordering part numbers

Model	Number of Outputs
AL-PSE-DIN-2	2
AL-PSE-DIN-4	4

Min. DIN 4 Pin

(female)



Pin Assignment

PIN No.	Output
1	+Vo
2	-Vo
3	+Vo
4	-Vo

