

Switched-mode power supply 55V 120W for TH35 rail

APS-120-550-DIN4 is a switching power supply providing a constant voltage of 55V. The device is a dedicated solution for automation and monitoring systems.

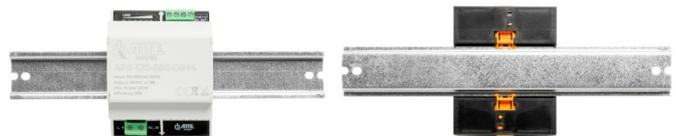
The module is used to power IP PoE devices, such as PoE switches.

The total power of the power supply is 120W, available on the DC_OUT screw connector.

Device has a redundant power supply option, which can be implemented using a second module with the same voltage, for example SWPS-4-11-DIN4 or APS-120-550-DIN4.

Thanks to the built-in load indicator, we can determine the current power consumption of the device.

Thanks to its DIN4 housing, it can be mounted on a TH35 rail.



FEATURES:

- up to 120W total power from the power supply
- high module efficiency >90%
- redundant power supply (ensures continuity of power supply through a second module)
- clear indication of operating status and power consumption
- easy and quick start-up without the need to configure parameters
- wide operating temperature range (-25°C... +65°C)



APS-120-550-DIN4



TECHNICAL SPECIFICATION:

Output voltage	55V +/- 2% - available on the DC_OUT connector
Efficiency	95% @120W
Maximum power	120W
Input Voltage	190 ... 260 VAC, 50 Hz
Power supply protection	AC_IN 3.15A slow-blow fuse Surge protection DC_OUT 2.5A power supply overload protection Surge protection
Indication	Load indicator: White – Standby mode (no load) Green – Current power consumption Blue – Maximum power consumption recorded Red – Exceeding ~110W power consumption (close to overload)

Housing Construction	DIN4 housing Material: plastic Colours: base (RAL 9005), top of housing (RAL 7035) Compliant with DIN 43880 standard
Assembly	On the TH35 rail
Ingress Protection Rating	IP20
Operating Temperature	-25 ... +65°C
Dimensions	72 x 90 x 61 mm
Weight	0,157 kg

Example of using APS-120-550-DIN4 to power 6 PoE IP cameras via APT-5-50 and APT-4-11.

