

## 4-port PoE switch with integrated power supply for TH35 rail, 55V, 120W

SWPS-4-11-DIN4 is a PoE switch with a built-in power supply designed for use with PoE IP cameras, video door phones and other network devices powered by the PoE 802.3af/at/bt60 standard.

PoE switch has 4 RJ45 ports, 3 of which are PoE ports operating in the 802.3af/at/bt60 standard, allowing the device to function as a distribution point for powering several devices using a UTP cable.

The total power of the SWPS-4-11-DIN4 switch is 120W, which is distributed between 3 PoE outputs and an additional 55V output via a screw terminal.

Built-in LR150 (Long Range 150m) function allows all ports to operate stably up to 150 metres of UTP at 100Mbps with PoE power.

The switch has the option of redundant power supply using another module with the same voltage (SWPS-4-11-DIN4, APS-120-550-DIN4).

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



### FEATURES:

- ability to power up to 3 PoE 802.3af/at/bt60 receivers
- up to 120W total power from the power supply
- built-in LR150 function increases the maximum transmission distance to 150 meters
- high module efficiency >90%
- redundant power supply (ensures continuity of power supply through a second module)
- clear indication of operating status, identification and power consumption
- easy and quick start-up without the need to configure parameters
- wide operating temperature range (-25°C... +65°C)



## TECHNICAL SPECIFICATION:

LAN Ports	4 RJ45 ports 10/100Mbps 3 x PoE, 1 x UPLINK
Ports Functions	LAN 1: UPLINK (no PoE power)  LAN 2 ... LAN 4: PoE OUTPUT (receiver power supply): 802.3bt60 (up to 60W), 802.3at (up to 30W), 802.3af (up to 15W) PoE PINOUT: 1,2 (V-) 3,6 (V+) 4,5 (V+) 7,8 (V-)  AC_IN: 230VAC mains power supply  DC_OUT: 55VDC power output
Output voltage	55V +/- 1%,
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
Ports Protection	LAN 1 ... LAN 4 Surge protection LAN 2 ... LAN 4 Overload protection

Indication	LEDs in RJ45 connectors: LED in LAN1 port (white) – power LED in RJ45 port (red) – PoE power in port LED in RJ45 port (green) – link and data transmission  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	0,185 kg

SWPS-4-11-DIN4 and APT-4-11 application to power 5 PoE IP cameras.

