

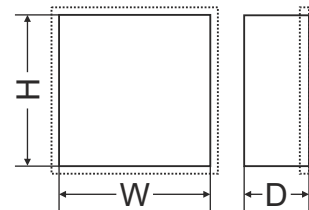
# POE series power supply unit

## PoE power supply 48V DC for up to 8 IP cameras



EN\*

CODE: **POE0848** v.1.0/I  
TYPE: **PoE 48V/3A** PoE power supply for up to 8 IP cameras.



### PSU features:

- the 8x0,35A/48V DC power output for powering 8 cameras IP
- output voltage adjustment 46V± 52V DC
- Wide range of supply voltage: 176±264V AC
- high efficiency: 90%
- designed for 10Mbit/s and 100Mbit/s network
- LED optical indication
- protections:
  - SCP short-circuit protection
  - OVP overvoltage protection
  - Surge protection
  - Antisabotage protection
  - OLP overload protection
- warranty – 2 year from the production date

### DESCRIPTION

The PSU is designed for supply of up to 8 cameras IP requiring stabilized voltage of **48V DC**. The output voltage can be adjusted with a potentiometer between **46V±52V DC**. The power is carried over the spare pairs (4/5 & 7/8), which, according to the Ethernet network standard, are not used for data transmission (data transmission uses 1/2 and 3/6 data pairs). The PSU is housed in a metal enclosure with signaling panel equipped with a microswitch indicating door opening (front cover).

**The PSU can not be used in Gigabit Ethernet networks, where all twisted pairs are involved in the transmission of data!**

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## PoE power supply 48V DC for up to 8 IP cameras



SPECIFICATIONS	
PSU type:	A (EPS - External Power Source)
Mains supply:	176÷264V AC
Current consumption:	1,6A@230VAC max.
PSU's power:	134W max.
Efficiency:	90%
Output voltage:	48V DC
The adjustment range of the output voltage:	46÷52V DC
Output current:	<b>8 x 0,35A (<math>\Sigma I=2,8A</math>) max. @48V</b>
Ripple voltage	200mV p-p max.
Short-circuit protection SCP	110% ÷ 150% of PSU power, automatic recovery
Overload protection OLP	110% ÷ 150% of PSU power, automatic recovery
Surge protection	varistors
Overvoltage protection OVP:	55÷65V DC
Antisabotage protection: - TAMPER output indicating enclosure opening	- microswitch, NC contacts (enclosure closed), 0,5A@50V DC (max.)
Optical indication of operation:	Yes –LED lights
Operating conditions:	2nd environmental class, -10 °C÷40 °C
Enclosure:	DC01 steel plate, 1,0mm, color RAL 9003
Dimensions:	270 x 316 x 101+15 (WxHxD) [mm] (+/-2)
Net/gross weight:	3,2kg / 3,5kg
Closing:	Cylindrical screw x 1 (at the front) (lock assembly possible)
Declarations, warranty	CE, 2 year from the production date
Notes:	The enclosure has a 15mm distance from the mounting surface so the cables can be led. PSU cooling: fan cooling. Switch mode power supply: $\Phi 0,63-2,05$ (AWG 26-10) PoE module: $\Phi 0,5-2,05$ (AWG 24-12) LAN1 ÷ LAN4 inputs: RJ45 8P8C, shielded PoE1 ÷ PoE4 outputs: RJ45 8P8C, shielded TAMPER output: wires 35cm