

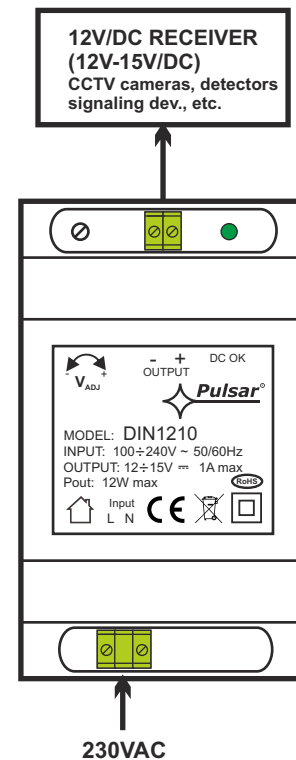
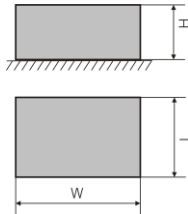
# Power supply series DIN

Buffer power supply 12VDC, in an enclosure, on a DIN rail



CODE: **DIN1210** v.1.0/I  
TYPE: **DIN 12V/1A DIN rail power supply unit.**

EN



## Features:

- power output 1A/12÷15VDC
- wide AC input voltage range 90÷264V
- high efficiency 85%
- LED optical signalisation
- protections:
  - SCP short-circuit protection
  - overvoltage protection
  - overload protection (OLP)
- warranty – 2 year from the production date

## GENERAL DESCRIPTION.

The power supply unit is intended for the feeding of alarm system equipments, which require **12V DC**. Their design enables simple changing of the output voltage, within the range of 12V÷15V DC, using a potentiometer. The power supply units is protected against short-circuit, overload and overvoltage.

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SPECIFICATIONS:	
Supply voltage	90÷264V AC
Current consumption	0,15A@230VAC max.
PSU power	12W max.
Efficiency	85%
Output voltage	12V DC
Output current	<b>1A</b>
Output current $t_{AMB}<30^{\circ}\text{C}$	1A - refer to chart 1
Output current $t_{AMB}=40^{\circ}\text{C}$	0,7 A - refer to chart 1
Voltage adjustment range	12V ÷15V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	150-200% of PSU power supply, automatic recovery
Surge protection	varistors
LED indication:	LED for DC voltage
Operating temperature	2nd environmental class, temperature: $-10\text{ }^{\circ}\text{C}\div 40\text{ }^{\circ}\text{C}$ , relative humidity: 20%...90%, without condensation
Enclosure dimensions	54 x 89 x 65 (WxHxD)
Net/gross weight	0,13kg / 0,17kg
Enclosure	ABS, RAL7035, light grey
Connectors	$\Phi 0,63\text{-}2,50$ (AWG 24-12)
Deklarations, warranty	CE, RoHS, 2 year from the production date

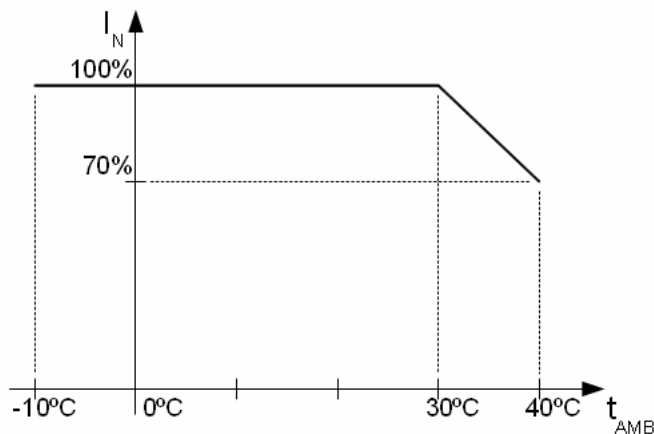


Chart 1. Acceptable output current from the PSU depending on ambient temperature.