

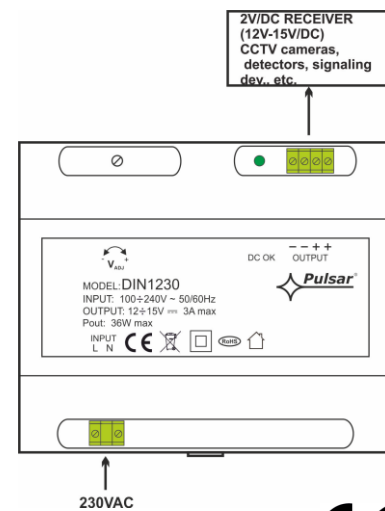
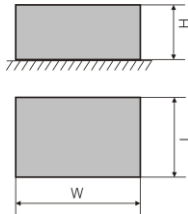
# Power supply series DIN

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



KODE: **DIN1230** v.1.0/II  
TYPE: **DIN 12V/3A** DIN rail power supply unit.

EN



## Features:

- power output 3A/12÷15VDC
- wide AC input voltage range 90÷264V
- high efficiency 87%
- 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	0,4A@230VAC max.
PSU power	36W max.
Efficiency	87%
Output voltage	12V DC
Output current	<b>3 A</b>
Output current $t_{AMB}<30^{\circ}\text{C}$	3 A - refer to chart 1
Output current $t_{AMB}=40^{\circ}\text{C}$	2,1 A - refer to chart 1
Voltage adjustment range	12 ÷15V DC
Ripple voltage	100mV p-p max.
Short-circuit protection SCP	electronic, automatic recovery
Overload protection OLP	110% ÷ 150% @25°C of PSU module power - current limitation with the PTC resettable fuse, manual restart (failure requires disconnection of the DC output circuit)
Surge protection	varistors
LED indication:	LED for DC voltage
Operating temperature	2nd environmental class, temperature: -10 oC÷40 oC, relative humidity: 20%...90%, without condensation
Enclosure dimensions	107 x 89 x 66 (WxHxD)
Net/gross weight	0,29kg / 0,33kg
Enclosure	ABS, RAL7035, light grey
Connectors	Ø0,63-2,50 (AWG 24-12)
Deklarations, warranty	CE, RoHS, 2 year from the production date

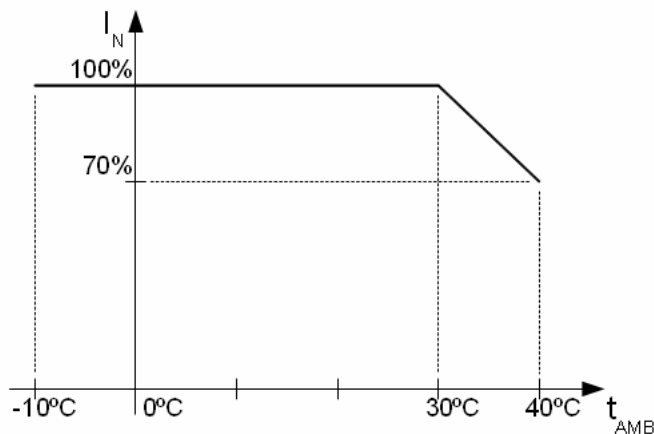


Chart 1. Acceptable output current from the PSU depending on ambient temperature.