

# NG631001

## Power supplies • Switching power supply units 230V AC

DC power supply, 1-phase, 125x114x63mm, 24-28V, 10A, 90-264V AC 50Hz, 90-264V AC 60Hz, 127-370V DC, screw connection, IP20, aluminum, stabilized, pulsed output voltage



Pulsed power supply units are used to supply electrical systems or system parts with a stabilized DC voltage. Due to the lower copper losses, pulsed power supply units have a significantly higher efficiency than mains transformers in the lower power range. They can also be designed to be more compact and lighter than conventional linear regulated power supply units, which contain a heavy transformer with an iron core and cause additional losses in the linear regulator.

### Electrical features

Display	LED display
Type of electrical connection	Clamped terminal connection
Output voltage	24 - 28 V
Operating frequency	47 - 63 Hz
Setting procedure	Potentiometer
Power	240 W
Max. input current	1.3 A
Residual ripple	1 %
Ampacity	10 A
Operating voltage (AC 50Hz)	90 - 264 V
Operating voltage (AC 60Hz)	90 - 264 V
Operating voltage (DC)	127 - 370 V
Output functions	Switching point
Type of voltage stabilization	Clocked
ardSOCA_Betriebsspannung	AC50Hz: 90   264AC60Hz: 90   264DC: 90   264
ardTEEL_Schutzfunktionen	Überlastschutz von 105 bis 125 Prozent der Leistungsaufnahme

### Mechanical features

Width	63 mm
Weight	800 g
Height	125.2 mm
Storage temperature	-40 - 85 °C
Length	113.5 mm
Mounting method	Top hat rail
Degree of protection (IP)	IP20
Housing material	Aluminum
Ambient temperature	-20 - 70 °C

**Other features**

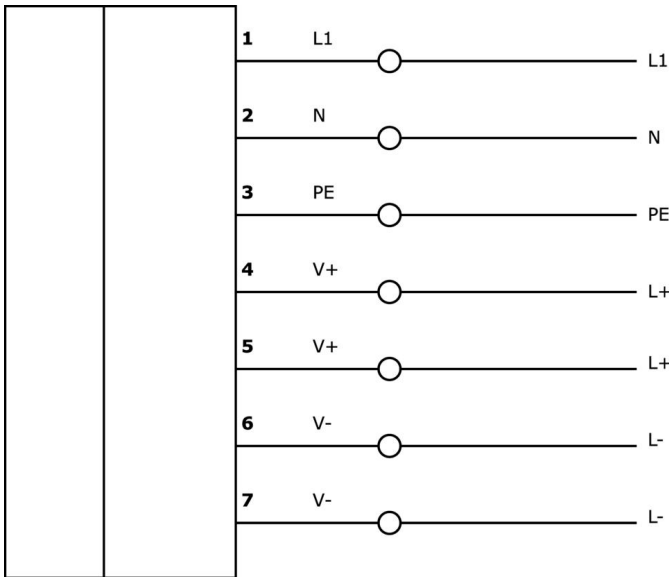
Relative air humidity (non-condensing)	10 - 95 %
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**Classification**

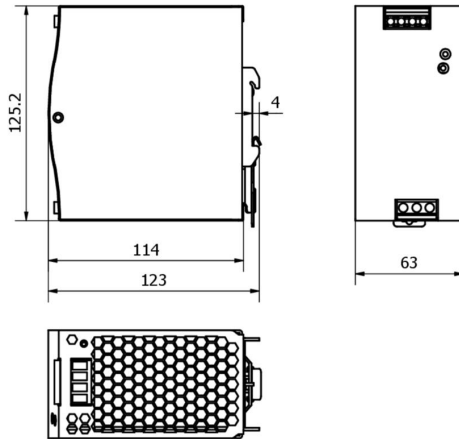
ETIM 8	EC002540 DC power supply
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**More**

IPF Product Group	400 power supply units
packaging dimensions	155 x 100 x 155 mm
gross weight	979 g
Customs tariff number	85044083
WEEE number	40951076
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**

## Dimensional drawing



## Extract accessories program

### NG400501



DC power supply, 1-phase,  
125x114x40mm, 24-28V, 5A, 90-  
264V AC 50Hz, 90-264V AC 60Hz,  
127-370V DC, screw connection,  
IP20, aluminum, stabilized, pulsed  
output voltage

You can find further accessories on our homepage



### Installation

Mounting / installation may only be carried out by a qualified electrician!



### Disposal

WEEE number according to § 6 para. 3  
ElektroG: 40951076

## Safety warnings

/ Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

/ Never use these devices in applications where the safety of a person depends on their functionality.