

NG400501

Power supplies • Switching power supply units 230V AC

DC power supply, single-phase, 125x114x40mm, 24-28V, 5A, 90-264V AC 50Hz, 90-264V AC 60Hz, 127-370V DC, Screw connection, IP20, Aluminum, Stabilized, Output voltage, pulsed



Pulsed power supplies are used to supply electrical systems or system parts with a stabilized DC voltage. Due to the lower copper losses, pulsed power supplies in the lower power range are considerably more efficient than power transformers. Furthermore, they are more compact and are lighter weight than conventional, linear regulated power supplies, which contain a heavy transformer with iron core and cause additional losses in the linear regulator.

Electrical features

Display	LED display
Type of electrical connection	Clamped terminal connection
Output voltage	24V
Operating frequency	47 - 63Hz
Setting procedure	Potentiometer
Power	120W
Max. input current	1.3A
Residual ripple	1%
Ampacity	5A
Overload protection	105 ... 125% of the power consumption
Operating voltage (AC 50Hz)	90 - 264V
Operating voltage (AC 60Hz)	90 - 264V
Operating voltage (DC)	127 - 370V
Output functions	Switching point
Type of voltage stabilization	Clocked

Mechanical features

Width	40mm
Weight	600g
Height	125.2mm
Storage temperature	-40 - 85°C
Length	113.5mm
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%
Stabilized	Yes
Ambient temperature	-20 - 70°C

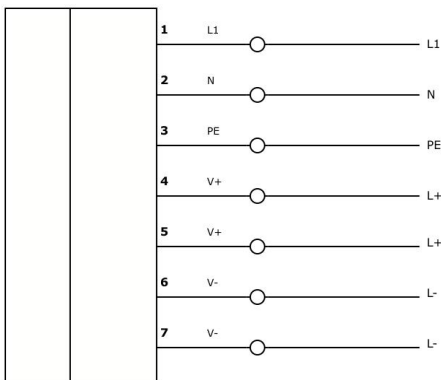
Classification

ETIM 8	EC002540 DC power supply
eClass 7.0	27049002
eClass 7.1	27049002
eClass 8.0	27049002
eClass 9.0	27040701
eClass 9.1	27040701

More

IPF Product Group	400 power supply units
packaging dimensions	140 x 140 x 60 mm
gross weight	587 g
Customs tariff number	85044083
WEEE number	40951076
POP-compliant	Yes
Reach-compliant	Yes
RoHS-compliant	Yes

Connection



Installation



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

Disposal



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.

Dimensional drawing

