

NG780307

POWER SUPPLY UNITS • SWITCHING POWER SUPPLIES 230V AC

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.



MECHANICAL DATA

Ambient temperature	-10 °C ... 50 °C
Degree of protection (IP)	IP20
Depth	67 mm
Direct mounting possible	Yes
Height	93 mm
Housing material	Plastic
Rail mounting possible	Yes
Storage temperature	85 °C
Storage temperature	-20 °C
Suitable for serial installation	Yes
Wall mounting possible	No
Weight	400 g
Width	78 mm

ELECTRICAL DATA

	Yes
1. output voltage	10.8 V ... 13.2 V
Frequency	47 Hz ... 63 Hz
Max. input current	0.75 A
Max. output current 1	3.5 A
Output voltage	12 V
Output voltage, regulated	Yes
Overload protection	105 ... 150% of the power consumption
Power output	42 W
Rated supply voltage at AC 50 Hz	85 V ... 264 V
Residual ripple	1 %
Secondary voltage, adjustable	Yes
Suitable for safety functions	No
Type of electrical connection	Screw connection
Voltage type of supply voltage	AC/DC
With LED display	Yes

OTHER DATA

Air humidity	90 %
Air humidity	20 %
Stabilized	Yes

DIMENSIONAL DRAWING**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!