

**NG650501**
**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 ... 60 °C
Degree of protection (IP)	IP20
Depth	100 mm
Direct mounting possible	Yes
Height	125.2 mm
Housing material	Aluminum
Rail mounting possible	Yes
Storage temperature	85 °C
Storage temperature	-20 °C
Suitable for serial installation	Yes
Wall mounting possible	No
Weight	800 g
Width	65.5 mm

**ELECTRICAL DATA**

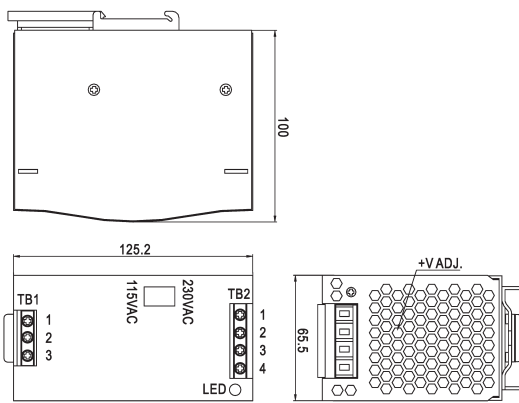
	Yes
1. output voltage	24 V ... 28 V
Frequency	47 Hz ... 63 Hz
Max. input current	1.6 A
Max. output current 1	5 A
Output voltage	24 V
Output voltage, regulated	Yes
Overload protection	105 ... 150% of the power consumption
Power output	120 W
Rated supply voltage at AC 50 Hz	176 V ... 264 V
Rated supply voltage at AC 60 Hz	88 V ... 132 V
Rated supply voltage at DC	248 V ... 370 V
Residual ripple	1 %
Secondary voltage, adjustable	Yes
Suitable for safety functions	No
Type of electrical connection	Screw connection

**ELECTRICAL DATA**

Type of electrical connection	EV000415
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!

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