

NGKB1001

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 (MAX)	70 °C
Ambient temperature (MIN)	-10 °C
Degree of protection (IP)	IP20
Depth	100 mm
Direct mounting possible	Yes
Height	125 mm
Housing material	Aluminium
Rail mounting possible	Yes
Storage temperature	85 °C
Storage temperature	-20 °C
Suitable for serial installation	Yes
Wall mounting possible	No
Weight	1200 g
Width	125.5 mm

ELECTRICAL DATA

1. output voltage (MAX)	28 V
1. output voltage (MIN)	24 V
Frequency (MAX)	63 Hz
Frequency (MIN)	47 Hz
Max. input current	1.4 A
Max. output current 1	10 A
Output voltage	24 V
Output voltage, pulsed	Yes
Output voltage, regulated	Yes
Overload protection	105 ... 150% of the power consumption
Power output	240 W
Rated supply voltage at AC 50 Hz (MAX)	264 V
Rated supply voltage at AC 50 Hz (MIN)	85 V
Rated supply voltage at AC 60 Hz (MAX)	264 V
Rated supply voltage at AC 60 Hz (MIN)	85 V

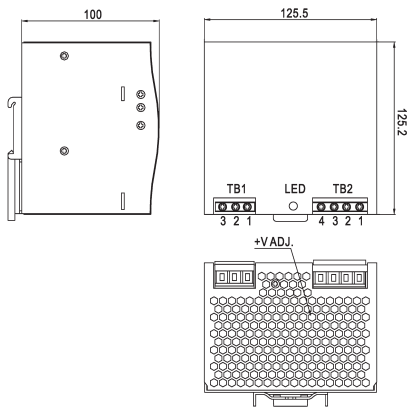
ELECTRICAL DATA

Rated supply voltage at DC (MAX)	370 V
Rated supply voltage at DC (MIN)	120 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!

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