

NG98E139

POWER SUPPLY UNITS • STABILIZED

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)	-30 °C
Cable length	0.3 m
Degree of protection (IP)	IP67
Depth	68 mm
Direct mounting possible	Yes
Height	38.8 mm
Housing material	Aluminium
Rail mounting possible	No
Storage temperature	80 °C
Storage temperature	-40 °C
Suitable for serial installation	No
Wall mounting possible	No
Weight	800 g
Width	222.2 mm

ELECTRICAL DATA

1. output voltage (MAX)	24 V
1. output voltage (MIN)	18 V
Frequency (MAX)	63 Hz
Frequency (MIN)	47 Hz
Max. input current	1.6 A
Max. output current 1	4 A
Number of pins	2
Output voltage	24 V
Output voltage, pulsed	Yes
Output voltage, regulated	Yes
Power output	96 W
Rated supply voltage at AC 50 Hz (MAX)	295 V
Rated supply voltage at AC 50 Hz (MIN)	95 V
Rated supply voltage at AC 60 Hz (MAX)	295 V

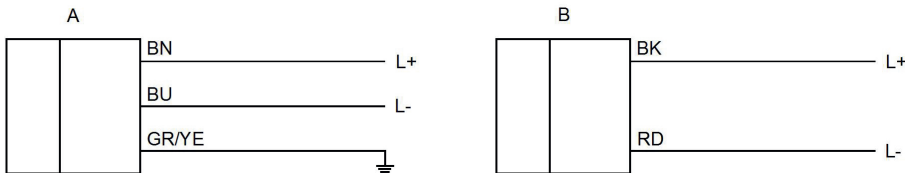
ELECTRICAL DATA

Rated supply voltage at AC 60 Hz (MIN)	95 V
Rated supply voltage at DC (MAX)	417 V
Rated supply voltage at DC (MIN)	127 V
Residual ripple	1 %
Secondary voltage, adjustable	Yes
Suitable for safety functions	No
Type of electrical connection	Other
Voltage type of supply voltage	AC/DC
With LED display	Yes

OTHER DATA

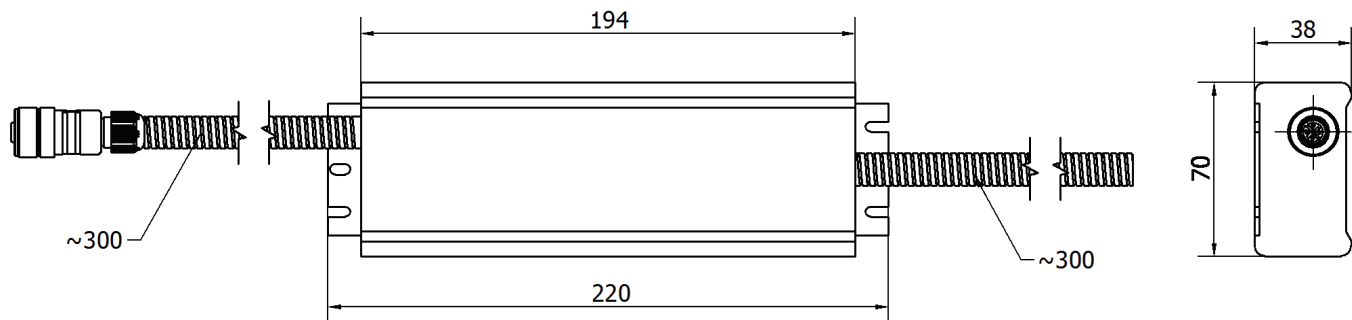
Air humidity	95 %
Air humidity	20 %
Stabilized	Yes

CONNECTION



Colors: A: BN (brown), BU (blue), GN/YE (green/yellow)
 B: BK (black), RD (red)
Functions: A: BN = L+, BU = L-, GN/YE = PE
 B: BK = L+, RD = L-

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.