

**NG550301**

**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                 | Aluminium        |
| Rail mounting possible           | Yes              |
| Storage temperature              | 85 °C            |
| Storage temperature              | -20 °C           |
| Suitable for serial installation | Yes              |
| Wall mounting possible           | No               |
| Weight                           | 550 g            |
| Width                            | 55.5 mm          |

**ELECTRICAL DATA**

|                                  |                                       |
|----------------------------------|---------------------------------------|
|                                  | Yes                                   |
| 1. output voltage                | 24 V ... 28 V                         |
| Frequency                        | 47 Hz ... 63 Hz                       |
| Max. input current               | 0.96 A                                |
| Max. output current 1            | 3.2 A                                 |
| Output voltage                   | 24 V                                  |
| Output voltage, regulated        | Yes                                   |
| Overload protection              | 105 ... 150% of the power consumption |
| Power output                     | 77 W                                  |
| Rated supply voltage at AC 50 Hz | 85 V ... 264 V                        |
| Rated supply voltage at AC 60 Hz | 85 V ... 264 V                        |
| Rated supply voltage at DC       | 120 V ... 370 V                       |
| Residual ripple                  | 1 %                                   |
| Secondary voltage, adjustable    | Yes                                   |
| Suitable for safety functions    | No                                    |
| Type of electrical connection    | Screw connection                      |

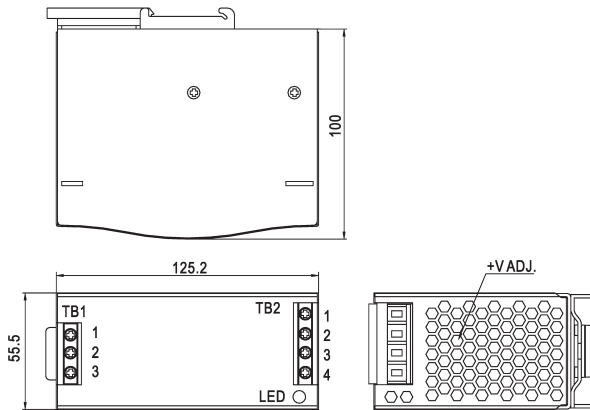
## ELECTRICAL DATA

|                                |       |
|--------------------------------|-------|
| 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!