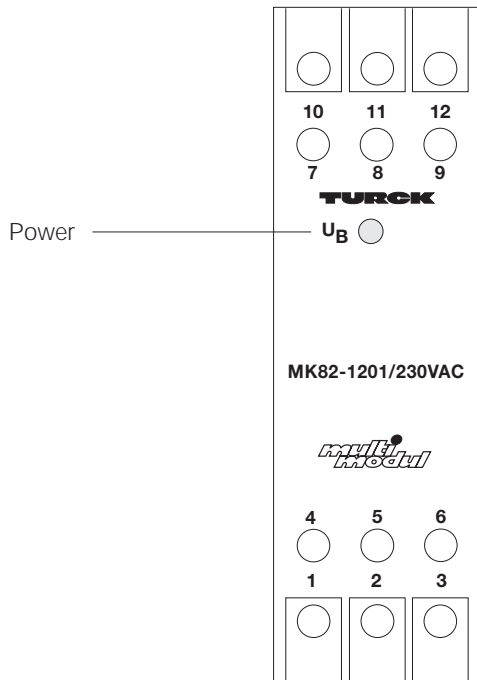


## Power Supply MK82-1201



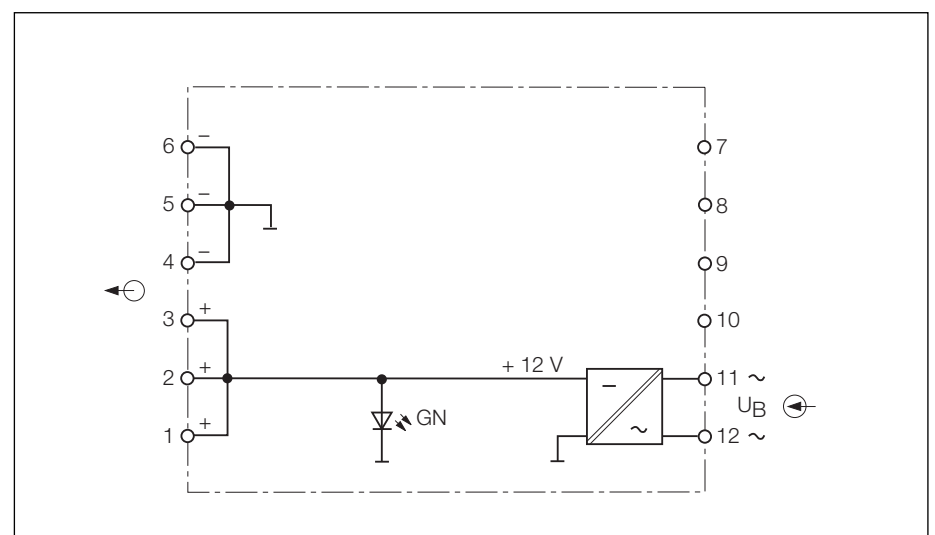
- **Short-circuit and overload protected**
- **Output voltage: 12 VDC**  
**Output current: 100 mA**
- **Ideal for supply of sensors and photoelectric barriers**

The power supplies MK82-1201 are a convenient source of power for DC loads, especially for sensors and photo-electric barriers.

The output configuration of the power supply is 12 VDC/100 mA. The output is short-circuit and overload protected.

The use of safety isolating transformers according to DIN EN 60742 guarantees safe galvanic isolation.

An illuminated green LED on the front cover indicates that the power supply of the connected loads is ensured.



# Power Supplies and Power Monitors



<b>Type</b>	MK82-1201/115VAC	MK82-1201/230VAC
Ident-No.	75 450 06	75 450 05
<b>Operating Voltage</b> $U_B$	98...127 VAC	196...253 VAC
Line frequency/ripple $W_{PP}$	48...62 Hz	48...62 Hz
Power/current consumption	$\leq 5$ VA	$\leq 5$ VA
<b>Galvanic Isolation</b>	according to EN 60742	according to EN 60742
Clearances and creepage distances	according to DIN/VDE 0110	according to DIN/VDE 0110
Test voltage	4 kV <sub>rms</sub>	4 kV <sub>rms</sub>
<b>Output voltage</b>	12 VDC +5 %; -10 %	12 VDC +5 %; -10 %
Maximum load capacity	$\leq 100$ mA	$\leq 100$ mA
Ripple $W_{PP}$	$\leq 3$ %	$\leq 3$ %
<b>LED Indication</b>		
- Power "ON"	green	green
<b>Housing</b>	12-pole, 27 mm wide, Polycarbonate/ABS, flammability class V-0 per UL 94	
Mounting	snap-on clamps for top-hat rail (DIN 50022) or screw terminals for panel mounting	
Connection	via flat terminals with self-lifting pressure plates	
Connection profile	$\leq 2 \times 2.5$ mm <sup>2</sup> or $2 \times 1.5$ mm <sup>2</sup> with wire sleeves	
Degree of protection (IEC 60529/EN 60529)	IP20	
Operating temperature	-25...+60 °C	

