The power supplies MK82-2401 are designed for supply of DC loads, especially for photoelectric barriers, sensors and multimodul style switching and monitoring devices.

The device features a universal power supply with a wide voltage range for connection of either AC or DC voltages. The device features an output configuration of 24 VDC/100 mA. The output is short-circuit and overload protected. If the overload limit of 130 mA is exceeded, the electronic fuse latches and the output current drops to approx. 20 mA. Latching can be reset by disconnecting the power supply.

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

- Short-circuit and overload protected
- Output voltage: 24 VDC
  Output current: 100 mA
- Ideal for supply of sensors and photoelectric barriers
### Power Supplies and Power Monitors

<table>
<thead>
<tr>
<th><strong>Type</strong></th>
<th>MK82-2401/230VUC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ident-No.</strong></td>
<td>75 450 22</td>
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</tbody>
</table>

### Operating Voltage $U_b$
- Line frequency/ripple $W_{PP}$
  - 48...250 VAC / 48...375 VDC
  - 0...62 Hz
- Power/current consumption
  - $\leq 3.5$ VA

### Galvanic Isolation
- Clearances and creepage distances
  - according to DIN/VDE 0110
- Test voltage
  - $4 \, kV_{rms}$

### Output Voltage
- 24 VDC $\pm 3 \%$
- Ripple $W_{PP}$
  - $\leq 3 \%$
- Maximum load capacity
  - $\leq 100$ mA
- Influence factor of supply voltage level
  - $\leq 1 \%$

### LED Indication
- Power "ON"
  - green

### Housing
- 8-pole, 18 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
  - $\leq 2 \times 2.5$ mm$^2$ or $2 \times 1.5$ mm$^2$
  - with wire sleeves
- Degree of protection (IEC 60529/EN 60529)
  - IP20
- Operating temperature
  - $-25...+60$ °C