• Two versions for different output currents
• Short-circuit and overload protected
• Selectable primary voltages 100...127 VAC/220...240 VAC
• Output voltage indication via LED
• Ideal extension of the multicart® product range

The current supplies, type MC82-24... are designed for supply of DC loads, especially for supply of switching and monitoring ranges of the multicart® series.

There are two versions with different output specifications available:
- 24 VDC/2.5 A/60 W (MC82-2425)
- 24 VDC/5.0 A/120 W (MC82-2450)

The outputs are short-circuit and overload protected.

By connecting several MC82... power supplies of the same type in parallel it is possible to increase the system's power capacity. In this case, the power is automatically distributed symmetrically.

The devices withstand interferences as set forth in IEC 1000-4 (IEC 801) and VDE 0160 class 2, even under full load conditions. Construction and design accord to EN 60950, VDE 0805 and VBG 4.

If the green output voltage LED illuminates, the load is supply of > 20.4 V is assured.
## Power Supplies
### Current and voltage monitors

### Hans Turck GmbH & Co. KG
Postfach • D-45466 Mülheim an der Ruhr • Telefon 02 08/49 52-0 • Fax 02 08/49 52-264

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### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>MC82-2425/230VAC</th>
<th>MC82-2450/230VAC</th>
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<tr>
<td>Ident no.</td>
<td>90 872 10</td>
<td>90 872 20</td>
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</table>

### Galvanic isolation
- according to EN 60950, VDE 0805
- according to EN 60950, VDE 0805

### Load rating
- **2.5 A (T_u ≤ 55 °C)**
- 1 W/K from +55 °C up to +70 °C
- **5.0 A (T_u ≤ 55 °C)**
- 1 W/K from +55 °C up to +70 °C

### Supply voltage $U_B$
- **100...127 VAC/220...240 VAC selectable**
- 47...63 Hz
- max. $1.3 A_{eff}/0.7 A_{eff}$ at 115/230 VAC
- **100...127 VAC/220...240 VAC selectable**
- 47...63 Hz
- max. $3 A_{eff}/1.4 A_{eff}$ at 115/230 VAC

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### Output voltage
- **24 VDC ± 2 %**
- typ. 5 ms
- ≤ 30 mV_pp (20 Hz...200 kHz)
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- **output voltage**
- green
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- **100 x 160 mm (DIN 41494)**
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- quality class FR4

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### Connection
- connectors as per DIN 41612, type H15, 15-pole (series z+d)
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### Pollution degree
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### Operating temperature
- 0...+70 °C

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### Storage temperature
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