### Type designation
- **PSU67-11-2480/M**

### Ident-No.
- 6884147

### Ident-No (TUSA)
- M6884147

### Nominal voltage
- **Universal voltage supply unit**

#### Operating voltage
- 100…240 VAC

#### Frequency
- 50…60 Hz

#### Operating voltage range
- 100…300 VDC

#### Power consumption
- ≤ 217 VA

#### Power dissipation, typ.
- ≤ 24 W

#### Mains buffering
- Ui: 100…240 VAC / 50 ms

### Nominal output voltage
- 24 V

### Nominal current
- 8 A

### Overload protection
- 105-130 %

### Parallel mode
- no

### Ripple
- 240 mV

### Short-circuit behaviour
- Current limiting

### Approval
- CE
- cULus
- geprüft nach DIN EN 60950-1 (VDE 0805-1)

### Operational readiness
- LED green

### Protection class
- IP67

#### Ambient temperature
- -25…+60 °C

#### Storage temperature
- -40…+85 °C

#### Derating
- 2 % / K (50 °C)

#### Dimensions
- 122 x 245 x 70 mm

#### Weight
- 3250 g

#### Housing material
- Aluminium, ADC-12

#### Electrical connection
- Connector

#### MTTF
- 54 years

#### MTTF note
- acc. to SN 29500 (Ed. 99) 40 °C

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#### Broad temperature range
- Status LED
- AC and DC wide-range input
- Mains buffering up to 50 ms
- High efficiency
- No-load and short-circuit proof
- Natural air cooling

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### 7/8” Input Assignment

<table>
<thead>
<tr>
<th>3</th>
<th>1 = GY (PE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 = BN (AC)</td>
<td></td>
</tr>
<tr>
<td>3 = BU (AC)</td>
<td></td>
</tr>
</tbody>
</table>

### 7/8” Output Assignment

<table>
<thead>
<tr>
<th>3</th>
<th>1 = BN (+24 VDC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 = WH (+24 VDC)</td>
<td></td>
</tr>
<tr>
<td>4 = BK (0 VDC)</td>
<td></td>
</tr>
</tbody>
</table>

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### Characteristic
## Wiring accessories

<table>
<thead>
<tr>
<th>Type code</th>
<th>Ident-No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RKM 30-2M</td>
<td>U2027</td>
<td><img src="image1.png" alt="Image" /> Supply cable, 7/8&quot; female connector, straight, 3-pin, cable length: 2 m, jacket material: PVC, yellow; other cable lengths and variants available</td>
</tr>
<tr>
<td>B4131-0/9</td>
<td>6914501</td>
<td><img src="image2.png" alt="Image" /> Field-wireable female connector, 7/8&quot;, straight, 3-pin, screw terminal connection, cable feedthrough 6.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 1.5 mm², plastic housing, metal nut</td>
</tr>
<tr>
<td>B4231-0/9</td>
<td>6901114</td>
<td><img src="image3.png" alt="Image" /> Field-wireable female connector, 7/8&quot;, angled, 3-pin, screw terminal connection, cable feedthrough 6.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 1.5 mm², plastic housing, metal nut</td>
</tr>
<tr>
<td>RSM 40-2M</td>
<td>U2084-1</td>
<td><img src="image4.png" alt="Image" /> Power cable, 7/8&quot; male connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, yellow; other cable lengths and variants available</td>
</tr>
<tr>
<td>RSM 40 RKM 50-2M/BL67</td>
<td>U-19553</td>
<td><img src="image5.png" alt="Image" /> Supply line, 7/8&quot; male connector, straight, 4-pin on 7/8&quot; coupling, straight, 5-pin, cable length: 2 m, jacket material: PVC, yellow; other cable lengths and variants available</td>
</tr>
</tbody>
</table>
## Wiring accessories

<table>
<thead>
<tr>
<th>Type code</th>
<th>Ident-No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RSM-2RKM50</td>
<td>6914950</td>
<td>Power supply T-splitter, 1 x 7/8” male, 2 x 7/8” female, 5-pin, ampacity: 9 A, Rated voltage: 250 V, Temperature: -40 °C ... +80 °C, wired in parallel</td>
</tr>
<tr>
<td>BS4141-0/13.5</td>
<td>6914510</td>
<td>Field-wireable male connector, 7/8”, straight, 4-pin, screw terminal connection, cable feedthrough 10.0 to 12.0 mm, core cross-section/terminal capacity 0.14 to 1.0 mm², plastic housing, metal nut</td>
</tr>
<tr>
<td>BS4241-0/9</td>
<td>6901020</td>
<td>Field-wireable male connector, 7/8”, angled, 4-pin, screw terminal connection, cable feedthrough 6.0 to 8.0 mm, core cross-section/terminal capacity 0.14 to 1.5 mm², plastic housing, metal nut</td>
</tr>
</tbody>
</table>