COMFORTLINE SIMPLE FIX
C-MINI

186519

Typical Applications
Built-in in compact luminaires for
• Residential lighting

ComfortLine Simple Fix C-Mini

• VERY LOW RIPPLE CURRENT: < 3%
• FOR CONDUCTOR CROSS SECTION: UP TO 2.5 MM²
• SUITABLE FOR EMERGENCY ESCAPE LIGHTING SYSTEMS ACC. TO EN 50172
• SELV
• SUITABLE FOR BUILT-IN INTO FURNITURE
• LONG SERVICE LIFE: UP TO 100,000 HRS.
• PRODUCT GUARANTEE: 5 YEARS
ComfortLine
Simple Fix C-Mini

Product features
• Compact casing shape

Electrical features
• Mains voltage: 220–240 V ±10%
• Mains frequency: 50–60 Hz
• DC operation: 198–264 V, 0 Hz
  (can be reduced to 176 V with reduced service life time)
• Screw terminals: 2.5 mm²
• Power factor at full load: > 0.6
• Open circuit voltage ($U_{\text{max}}$): 26 V
• Secondary side switching of LED modules is not allowed.

Safety features
• Protection against transient main peaks up to 1 kV (between L and N)
• Electronic short-circuit protection
• Overload protection
• Protection against "no load" operation
• Degree of protection: IP20
• Protection class II
• SELV

Packaging units
<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Packaging unit</th>
<th>Pieces per box</th>
<th>Boxes per pallet</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>186519</td>
<td></td>
<td>40</td>
<td>168</td>
<td>35</td>
</tr>
</tbody>
</table>

Dimensions
• Casing: K29
• Length: 65 mm
• Width: 30.7 mm
• Height: 21.5 mm

Applied standards
• EN 613471
• EN 613472-13
• EN 61547
• EN 61000-3-2
• EN 62384
• EN 55015

Product guarantee
• 5 years
• The conditions for the Product Guarantee of the Vossloh-Schwabe Group shall apply as published on our homepage (www.vossloh-schwabe.com). We will be happy to send you these conditions upon request.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.
**Electrical characteristics**

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Voltage Mains Inrush Current Mains</th>
<th>Voltage Efficiency Mains</th>
<th>Ripple DC at full load</th>
<th>Voltage Output DC</th>
<th>Efficiency at full load</th>
<th>Ripple 100 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>186519</td>
<td>8.75 V 50–60 Hz (230 V) 176–264 220–240</td>
<td>60–39 7 / 133 79–73</td>
<td>350 3–25 &gt; 78 2</td>
<td>V mA A / µs mA (± 5%) V % %</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Maximum ratings**

Exceeding the maximum ratings can lead to reduction of service life or destruction of the drivers.

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Ambient temperature range °C min. °C max.</th>
<th>Operation humidity range % min. % max.</th>
<th>Storage temperature range °C min. °C max.</th>
<th>Storage humidity range % min. % max.</th>
<th>Max. operation temperature at tc point °C</th>
<th>Degree of protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>186519</td>
<td>-20 +50</td>
<td>5 50 -40 +85</td>
<td>5 95 +80</td>
<td>IP20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Expected service life time**

at operation temperatures at tc point

<table>
<thead>
<tr>
<th>Operation current</th>
<th>Ref. No.</th>
<th>186519</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>70 °C</td>
<td>80 °C</td>
</tr>
<tr>
<td>hrs.</td>
<td>100,000</td>
<td>50,000</td>
</tr>
</tbody>
</table>