Areas of application

- Suitable for indoor SELV equivalent installations

Product benefits

- Compact housing
# Technical data

## Electrical data

<table>
<thead>
<tr>
<th>Product description</th>
<th>Nominal voltage</th>
<th>Mains frequency</th>
<th>Input voltage AC</th>
<th>Total harmonic distortion</th>
<th>Power factor $\lambda$</th>
<th>ECG efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>200...240 V</td>
<td>50...60 Hz</td>
<td>180...254 V $^1$</td>
<td>$&lt; 30 %$</td>
<td>0.50 $^2$</td>
<td>75 $^3$</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product description</th>
<th>Device power loss</th>
<th>Inrush current</th>
<th>Max. ECG no. on circuit breaker 10 A (B)</th>
<th>Max. ECG no. on circuit breaker 16 A (B)</th>
<th>Max. ECG no. on circuit breaker 25 A (B)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>2.58 W $^4$</td>
<td>15 A $^5$</td>
<td>30</td>
<td>48</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product description</th>
<th>Surge capability (L-N)</th>
<th>Nominal output voltage</th>
<th>U-OUT (working voltage)</th>
<th>Nominal output current</th>
<th>Output current tolerance</th>
<th>Nominal output power</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>1 kV</td>
<td>1.8...25 V</td>
<td>60 V</td>
<td>350 mA $^6$</td>
<td>$+10 %$</td>
<td>8.5 W $^7$</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product description</th>
<th>Galvanic isolation primary/secondary</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>SELV equivalent 3 kV $^8$</td>
</tr>
</tbody>
</table>

1) Permitted voltage range  
2) Minimum  
3) At full load and 230 V  
4) At 230 V AC $P_{out}$  
5) At 240 V AC  
6) ±5%  
7) Partial load 0...8.5 W  
8) SELV-equivalent

## Dimensions & weight

<table>
<thead>
<tr>
<th>Product description</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Mounting hole spacing, length</th>
<th>Product weight</th>
<th>Cable cross-section, input side</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>80.0 mm</td>
<td>40.0 mm</td>
<td>22.0 mm</td>
<td>72.0 mm</td>
<td>50.00 g</td>
<td>0.5...1.5 / 0.5...1.0 mm$^2$ $^1$</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product description</th>
<th>Cable cross-section, output side</th>
<th>Wire preparation length, input side</th>
<th>Wire preparation length, output side</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>0.5...1.5 / 0.5...1.0 mm$^3$ $^1$</td>
<td>1.5...5.0 mm</td>
<td>1.5...5.0 mm</td>
</tr>
</tbody>
</table>

$^1$ Solid leads
Product family datasheet

Product line drawing

Colors & materials

<table>
<thead>
<tr>
<th>Product description</th>
<th>Casing material</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>Plastic</td>
</tr>
</tbody>
</table>

Temperatures & operating conditions

<table>
<thead>
<tr>
<th>Product description</th>
<th>Ambient temperature range</th>
<th>Maximum temperature at tc test point</th>
<th>Max.housing temperature in case of fault</th>
<th>Permitted rel. humidity during operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>-20...+50 °C</td>
<td>80 °C</td>
<td>90 °C</td>
<td>5...85 % 1)</td>
</tr>
</tbody>
</table>

1) Maximum 56 days/year at 85 %

Lifespan

<table>
<thead>
<tr>
<th>Product description</th>
<th>ECG lifetime</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>30000 h</td>
</tr>
</tbody>
</table>
Additional product data

<table>
<thead>
<tr>
<th>Product description</th>
<th>Encapsulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>No</td>
</tr>
</tbody>
</table>

Capabilities

<table>
<thead>
<tr>
<th>Product description</th>
<th>Dimmable</th>
<th>Overheating protection</th>
<th>Overload protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>No</td>
<td>Automatic reversible</td>
<td>Automatic reversible</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product description</th>
<th>Short-circuit protection</th>
<th>No-load proof</th>
<th>Max. cable length to lamp/LED module</th>
<th>Suitable for fixtures with prot. class</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>Automatic reversible</td>
<td>Yes</td>
<td>10 m 1)</td>
<td>I / II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product description</th>
<th>Type of connection, output side</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>Push terminal</td>
</tr>
</tbody>
</table>

1) With 1.5 mm² massive leads for class II luminaires; 80 cm for class I luminaires

Certificates & standards

<table>
<thead>
<tr>
<th>Product description</th>
<th>Approval marks – approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>CE / ENEC 10 / VDE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product description</th>
<th>Standards</th>
<th>Protection class</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>Acc. to IEC 61347-2-2/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to EN 55015/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547</td>
<td>I</td>
</tr>
</tbody>
</table>

Logistical data

<table>
<thead>
<tr>
<th>Product description</th>
<th>Temperature range at storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220...240/350</td>
<td>-40...85 °C</td>
</tr>
</tbody>
</table>

Application advice

For more detailed application information and graphics please see product datasheet.
Product family datasheet

Sales and Technical Support
Sales and Technical Support www.osram.com

Country specific information

<table>
<thead>
<tr>
<th>Product description</th>
<th>Product code</th>
<th>METEL code</th>
<th>SEG-No.</th>
<th>STK number</th>
<th>UK Org</th>
</tr>
</thead>
<tbody>
<tr>
<td>OT 9/220…240/350</td>
<td>4050300888262</td>
<td>OSROT9350</td>
<td>-</td>
<td>4031182</td>
<td>-</td>
</tr>
</tbody>
</table>

Download Data

<table>
<thead>
<tr>
<th>File</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addon Technical Information</td>
</tr>
<tr>
<td>313232_ADDON TECHNICAL INFORMATION OT 9200-240350 V550 OSRAM (GB)</td>
</tr>
<tr>
<td>Certificates</td>
</tr>
<tr>
<td>730563_VDE Certificate</td>
</tr>
<tr>
<td>Declarations of conformity</td>
</tr>
<tr>
<td>727244_EC OT 9200-240350</td>
</tr>
<tr>
<td>CAD data 3-dim</td>
</tr>
<tr>
<td>317456_OT 9 80x40x22 9900053</td>
</tr>
<tr>
<td>CAD data 3-dim</td>
</tr>
<tr>
<td>317457_OT 9 80x40x22 9900053</td>
</tr>
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</tr>
<tr>
<td>317458_OT 9 80x40x22 9900053</td>
</tr>
<tr>
<td>CAD data PDF</td>
</tr>
<tr>
<td>317455_OT 9 80x40x22 9900053</td>
</tr>
</tbody>
</table>

Logistical Data

<table>
<thead>
<tr>
<th>Product code</th>
<th>Product description</th>
<th>Packaging unit (Pieces/Unit)</th>
<th>Dimensions (length x width x height)</th>
<th>Volume</th>
<th>Gross weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>4050300888262</td>
<td>OT 9/220…240/350</td>
<td>Shipping carton box 50</td>
<td>212 mm x 143 mm x 172 mm</td>
<td>5.21 dm³</td>
<td>2993.22 g</td>
</tr>
</tbody>
</table>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.