**VS-08-RJ45-10G/Q**

Order No.: 1419001

http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1419001

RJ45 connector, IP20, CAT6a, 8-pos., with QUICKON fast connection technology, for 26 ... 24 AWG 1-wire and 7-wire conductors, color: black

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**Commercial data**

<table>
<thead>
<tr>
<th>EAN</th>
<th>4046356521567</th>
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</thead>
<tbody>
<tr>
<td>Pack</td>
<td>1 pcs.</td>
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<tr>
<td>Customs tariff</td>
<td>85366990</td>
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<tr>
<td>Product key</td>
<td>02511</td>
</tr>
<tr>
<td>Country of origin</td>
<td>DE</td>
</tr>
<tr>
<td>Catalog page information</td>
<td>Page 284 (PC-2011)</td>
</tr>
</tbody>
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**Product notes**

WEEE/RoHS-compliant since: 07/30/2009

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**Technical data**

**Mechanical characteristics**

<table>
<thead>
<tr>
<th>Number of positions</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection profile</td>
<td>RJ45</td>
</tr>
<tr>
<td>Insertion/withdrawal cycles</td>
<td>≥ 750</td>
</tr>
<tr>
<td>Connection method</td>
<td>IDC fast connection</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Conductor cross-section</td>
<td>0.13 mm² ... 0.21 mm² (solid)</td>
</tr>
<tr>
<td></td>
<td>0.14 mm² ... 0.23 mm² (7-wire)</td>
</tr>
<tr>
<td>Connection cross-section AWG</td>
<td>26 ... 24 (solid)</td>
</tr>
<tr>
<td></td>
<td>26 ... 24 (7-wire)</td>
</tr>
<tr>
<td>Max. cable diameter</td>
<td>4.5 mm ... 8 mm</td>
</tr>
<tr>
<td>External cable diameter</td>
<td>4.5 mm ... 8 mm</td>
</tr>
<tr>
<td>Cable exit</td>
<td>Straight</td>
</tr>
<tr>
<td>Color</td>
<td>yellow</td>
</tr>
<tr>
<td>Ambient temperature (operation)</td>
<td>-20 °C ... 70 °C</td>
</tr>
</tbody>
</table>

**Material data**

<table>
<thead>
<tr>
<th>Inflammability class acc. to UL 94</th>
<th>V2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing material</td>
<td>PA 6.6</td>
</tr>
<tr>
<td>Contact carrier material</td>
<td>PC</td>
</tr>
<tr>
<td>Contact material</td>
<td>CuSn</td>
</tr>
<tr>
<td>Contact surface material</td>
<td>Gold over nickel</td>
</tr>
<tr>
<td>Degree of protection</td>
<td>IP20</td>
</tr>
</tbody>
</table>

**Electrical characteristics**

<table>
<thead>
<tr>
<th>Number of positions</th>
<th>8</th>
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</thead>
<tbody>
<tr>
<td>Nominal voltage $U_N$</td>
<td>50 V</td>
</tr>
<tr>
<td>Nominal current $I_N$</td>
<td>1.75 A</td>
</tr>
<tr>
<td>Transmission characteristics (category)</td>
<td>CAT6a</td>
</tr>
<tr>
<td>Rated current</td>
<td>1.75 A</td>
</tr>
<tr>
<td>Surge voltage category</td>
<td>1</td>
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<tr>
<td>Pollution degree</td>
<td>2</td>
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</table>

**Accessories**

<table>
<thead>
<tr>
<th>Item</th>
<th>Designation</th>
<th>Description</th>
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<tbody>
<tr>
<td>Tools</td>
<td>1657407</td>
<td>VS-CABLE-STRIP-VARIO</td>
</tr>
<tr>
<td></td>
<td>VS-CABLE-STRIP-VARIO</td>
<td>Stripping tool, for the multi-level stripping of shielded cables</td>
</tr>
</tbody>
</table>
Diagrams/Drawings

Dimensioned drawing

RJ45 plug connector, IP20