Rail contacts

The perfect electrical contact for rail webs

Contact to both sides of the web

DSK.....

Contact to one side of the web

SK.....

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Rail contacts

The facts
The SK and DSK series of rail contacts provide a very high-quality connection to the rail web (contact resistance approx. 5μ-Ohm; “Deutsche Bahn AG Test Report 051822”). The contacts are quickly and easily fitted by means of a hydraulic tool, irrespective of the weather conditions. There is absolutely no risk of corrosion since all components of the fitting are manufactured from high-grade stainless steel.

SK single rail contact
The SK series of rail contacts is the ideal solution for signal engineering, earthing, traction current return and similar applications.

The following Federal Office for Railways (EBA) approvals apply:
1. Technical acceptance of equipment used in electrical installations and protection systems operated by DB Netz AG
2. EBA series approval for protection systems
3. EBA approval for electrotechnical installations
4. KEMA Certificate of compliance for the Dutch Railways

DSK double rail contact
Detachable cable lugs can be connected to DSK series double rail contacts from both sides of the rail simultaneously. This is an enormous advantage when making interconnections in the station area, for example. Compared to the conventional SK rail contact, the DSK halves the number of necessary contacts.

The DSK double rail contact is the ideal solution even in confined spaces, such as around points, for example. With a clearance of only 50 mm between the rail heads, the contact can still be inserted and the cable lugs fitted from both sides.

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Rail contacts

The data

<table>
<thead>
<tr>
<th>Type</th>
<th>ERICO Part No.</th>
<th>Web width (in mm)</th>
<th>Hole diameter</th>
<th>Cable lug connectivity</th>
<th>Typical applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>SK 19/12</td>
<td>715045</td>
<td>12.0 - 13.9</td>
<td>19 + 1.0 mm</td>
<td>On one side Total cross-section Max. 240 mm²</td>
<td>S41, RI 59, RI 60, AS41, BHP42, BS90A</td>
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<tr>
<td>SK 19/14</td>
<td>715050</td>
<td>14.0 - 16.9</td>
<td>19 + 1.0 mm</td>
<td>On one side Total cross-section Max. 240 mm²</td>
<td>S49, S54, UIC54, UIC60, R50, NP46, AS50, AS60, BS110A</td>
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<tr>
<td>SK 19/16</td>
<td>715095</td>
<td>17.0 - 18.5</td>
<td>19 + 1.0 mm</td>
<td>On one side Total cross-section Max. 240 mm²</td>
<td>R65</td>
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<tr>
<td>SK 19/18</td>
<td>715085</td>
<td>18.6 - 22.0</td>
<td>19 + 1.0 mm</td>
<td>On one side Total cross-section Max. 240 mm²</td>
<td>BS 113A, 95LB RBS</td>
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<td>DSK 19/12</td>
<td>715060</td>
<td>12.0 - 13.4</td>
<td>19 + 0.5 mm</td>
<td>One both sides Total cross-section Max. 240 mm²</td>
<td>S41, R59, R60, AS41, BHP42</td>
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<td>DSK 19/14</td>
<td>715055</td>
<td>13.5 - 15.5</td>
<td>19 + 0.5 mm</td>
<td>One both sides Total cross-section Max. 240 mm²</td>
<td>S41, S49, NP46, AS50</td>
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<td>DSK 19/14B</td>
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<td>12.0 - 14.0</td>
<td>19 + 0.5 mm</td>
<td>One both sides Total cross-section Max. 240 mm²</td>
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<tr>
<td>DSK 19/16</td>
<td>715065</td>
<td>15.6 - 17.0</td>
<td>19 + 0.5 mm</td>
<td>One both sides Total cross-section Max. 240 mm²</td>
<td>S54, UIC54, UIC60, R50, AS60, BS1110A</td>
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<tr>
<td>DSK 19/18</td>
<td>715090</td>
<td>17.1 - 20.0</td>
<td>19 + 0.5 mm</td>
<td>One both sides Total cross-section Max. 240 mm²</td>
<td>BA113A, 95 LB RBS, R65</td>
</tr>
</tbody>
</table>

The double contact “DSK 19/14B” is a special contact with a limited height of the bolt. This contact can be used in a rail switch area. Please talk about this contact with our salespeople.

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