**SWA series**

36 AWG individual strand

**Description:**
1-hole NEMA, flexible braided connectors using 30 AWG individual wires in braid construction for extra flexibility. These connectors are made with tin- or silver-plated high-conductivity 99.9% pure copper ferrules formed on each end. Individual wires used in braid are tinned prior to weaving so that maximum protection from corrosion is provided.

**Application:**
These highly flexible connectors are suitable wherever it is necessary to take up expansion, severe vibration and/or misalignment when connecting transformers, switchgear, generators or busbars.

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**Standard flexible connectors – 1-hole NEMA standard**

<table>
<thead>
<tr>
<th>Cat. no.</th>
<th>*Ampacity Δ 65 °C</th>
<th>W in. (mm)</th>
<th>F in. (mm)</th>
<th>H in. (mm)</th>
<th>H2 in. (mm)</th>
<th>T in. (mm)</th>
<th>Weight lb (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWA035A1</td>
<td>350</td>
<td>1¼ (31.8)</td>
<td>1¼ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.48 (218)</td>
</tr>
<tr>
<td>SWA035A2</td>
<td>350</td>
<td>1¼ (31.8)</td>
<td>1¼ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.48 (218)</td>
</tr>
<tr>
<td>SWA035A3</td>
<td>350</td>
<td>1¼ (31.8)</td>
<td>1¼ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.48 (218)</td>
</tr>
<tr>
<td>SWA055A1</td>
<td>550</td>
<td>1½ (34.9)</td>
<td>1½ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.63 (286)</td>
</tr>
<tr>
<td>SWA055A2</td>
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<td>1½ (34.9)</td>
<td>1½ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.63 (286)</td>
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<td>SWA055A3</td>
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<td>1½ (34.9)</td>
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<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.63 (286)</td>
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<tr>
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<td>700</td>
<td>1¾ (38.1)</td>
<td>1¾ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.95 (431)</td>
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<td>1¾ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.95 (431)</td>
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<td>1¾ (38.1)</td>
<td>1¾ (38.1)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.95 (431)</td>
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<tr>
<td>SWA070A4</td>
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<td>2 (50.8)</td>
<td>2 (50.8)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (6.3)</td>
<td>0.95 (431)</td>
</tr>
<tr>
<td>SWA100A1</td>
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<td>1¼ (44.4)</td>
<td>2 (50.8)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (12.7)</td>
<td>1.23 (558)</td>
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<tr>
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<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (12.7)</td>
<td>1.23 (558)</td>
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<td>1¼ (44.4)</td>
<td>2 (50.8)</td>
<td>¾ (14.3)</td>
<td>¾ (14.3)</td>
<td>¼ (12.7)</td>
<td>1.23 (558)</td>
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</table>

*Temperature rise test per; CEI60694, IEEE / ANSI C37, 34 1994.

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**Diagram**

See length information