**IRT Series**

Rectangular Multi Pole Power Connector
Plug Shell Size 04
Assembly for Clamp with Strain Relief

<table>
<thead>
<tr>
<th>Modification</th>
<th>Omitted (for Standard)</th>
<th>B0 (Connector Less Contacts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backend</td>
<td>Clamp with Strain Relief (E)</td>
<td></td>
</tr>
<tr>
<td>Contact Gender</td>
<td>P - Male</td>
<td>S - Female</td>
</tr>
</tbody>
</table>

**Contact Type**
Different types can be used:
- 4 ; 4A ; 4B .... : All Same Contact Type
- Example 2(4)-1(4A) Different Contact Types (See Table 1)

**Application Notes:**
- Plug with clamp with strain relief. RoHs compliant.
- Working voltage: 3000 Vac.
- Test voltage: 12000 Vac.
- Water proof: IP67 level (coupled connectors).
- Contact resistance: 0.3 mΩ max.
- Temperature range: -55 to +125°C.
- Contact: copper alloy silver plating.
- Insulator: UL94V0-NFF16-102f2F1 (exigency 4).
- Shell: Aluminium alloy with electrodeposited black plating.
- Clearance in air: 26.8 mm Min.
- Creepage distance: 26.8 mm Min.
# IRT Series

Rectangular Multi Pole Power Connector

Plug Shell Size 04

Assembly for Clamp with Strain Relief

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## TABLE 1 - CONTACTS

<table>
<thead>
<tr>
<th>Contact Type</th>
<th>Male Contact P/N</th>
<th>Female Contact P/N</th>
<th>Crimp Bucket - A - (mm)</th>
<th>Cable Section (AWG)</th>
<th>Cable Section (mm²)</th>
<th>Cable Diameter (mm²)</th>
<th>Working Current (A) *</th>
<th>Max Current (A) *</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>IRT-4-P-1780G10</td>
<td>IRT-4-S-1780G10</td>
<td>17.8</td>
<td>26MCM</td>
<td>120</td>
<td>11</td>
<td>21</td>
<td>450</td>
</tr>
<tr>
<td>4A</td>
<td>IRT-4-P-1650G10</td>
<td>IRT-4-S-1650G10</td>
<td>16.5</td>
<td>4/0</td>
<td>107</td>
<td>11</td>
<td>21</td>
<td>350</td>
</tr>
<tr>
<td>4B</td>
<td>IRT-4-P-1440G10</td>
<td>IRT-4-S-1440G10</td>
<td>14.4</td>
<td>3/0</td>
<td>95</td>
<td>11</td>
<td>21</td>
<td>320</td>
</tr>
<tr>
<td>4C</td>
<td>IRT-4-P-1440G10</td>
<td>IRT-4-S-1440G10</td>
<td>14.4</td>
<td>2/0</td>
<td>70</td>
<td>11</td>
<td>21</td>
<td>250</td>
</tr>
<tr>
<td>4D</td>
<td>IRT-4-P-1150G10</td>
<td>IRT-4-S-1150G10</td>
<td>11.5</td>
<td>1/0</td>
<td>50</td>
<td>10</td>
<td>17</td>
<td>150</td>
</tr>
</tbody>
</table>

* Related to cables section