Terminal Blocks for Industry

Ring Lug Section Type
Nuclear Class 1E Ring Lug Sectional Terminal Block [Component]

- **Applications**
  - SAMWHA terminal blocks are screw fixing type intended for application in control equipment and systems.
  - These terminal blocks are made up of individually molded units with electrical conductor.
  - Suitability for specific application depends upon the equipment specification in terms of creepage, clearance and breakdown voltage requirements, mounting and wire connectors used.
  - Cross-connections between terminals.
  - In complete jumpering units, common bar, sleeve and screw are supplied ready assembled to the required number of poles.
  - Qualified through EQ test.

- **Standard Materials**
  - Body - Phenolic resin
  - Current Bar - Copper

- **Finishes**
  - Steel - Electro Zinc plated

- **Mounting Type**
  - Screw surface mounting

- **Connection Type**
  - Ring lug type

- **Compliances / Approvals**
  - KS C 2625 1990
  - KEPIC-EN Class-1E Terminal Block
  - END 1100, END 2000, END 3830

- **Certificates**
  - KEPIC-EN Cert. No. : EN-335
  - KHNP (Korea Hydro & Nuclear Power Co., Ltd. Certi. No. : SP-2009-006

- **Dimensions & Weight**

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>LENGTH</th>
<th>HEIGHT</th>
<th>BETWEEN MOUNTING HOLE</th>
<th>WEIGHT (KG/100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SH-STB-30E-16CT</td>
<td>120.0</td>
<td>41.0</td>
<td>109.5</td>
<td>24.13</td>
</tr>
<tr>
<td>SH-STB-30E-3</td>
<td>120.0</td>
<td>35.5</td>
<td>59.0</td>
<td>12.14</td>
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<tr>
<td>SH-STB-30E-4</td>
<td>120.0</td>
<td>35.5</td>
<td>109.0</td>
<td>21.25</td>
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<td>SH-STB-30E-10</td>
<td>186.0</td>
<td>35.5</td>
<td>175.0</td>
<td>32.72</td>
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<td>SH-STB-30E-12</td>
<td>218.5</td>
<td>35.5</td>
<td>208.5</td>
<td>37.63</td>
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</tbody>
</table>

- **Technical Data**

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>WIRE RANGE</th>
<th>WIRE TYPE</th>
<th>FW</th>
<th>TO (In.-Lb)</th>
<th>RATED VOLTAGE</th>
<th>RATED CURRENT</th>
<th>MATERIAL</th>
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</thead>
<tbody>
<tr>
<td>SH-STB-20E-14CT</td>
<td>10-12</td>
<td>8 CU</td>
<td>2</td>
<td>15</td>
<td>600</td>
<td>20</td>
<td>PHENOL</td>
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<tr>
<td>SH-STB-30E-3,4,10,12</td>
<td>14-10</td>
<td>8 CU</td>
<td>2</td>
<td>15</td>
<td>600</td>
<td>30</td>
<td>PHENOL</td>
</tr>
</tbody>
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