

Number of contacts

6 +



Inserts

Han E / EE

| Identification | Series | Part No. | | Drawing | Dimensions in mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------|------------------------|--|------------------|---|---|---|---|--------------|----|----|----|----|------------------------|----|----|----|----|---------|----|----|----|----|----------------|------------------|---------------|-----------------|---|-----------|------------------------|------------------------|-----|-----------------------|-----------------------|------|-----------------------|-----------------------|-----|-----------------------|-----------------------|-----|-----------------------|-----------------------|-----|-----------------------|-----------------------|---|-----------------------|-----------------------|---|-----------------------|-----------------------|-------------------------------|-----------|------------------------|------------------------|-----|-----------------------|-----------------------|------|-----------------------|-----------------------|-----|-----------------------|-----------------------|-----|-----------------------|-----------------------|-----------------------------|--------|-----------------------|--|-----|-----------------------|--|-----|-----------------------|--|------------|--|--|-----------------------|--|
| | | Male insert (M) | Female insert (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Screw terminal with wire protection | Han E® | 09 33 006 2601 | 09 33 006 2701 | <table border="1"> <tr> <td></td> <td>a</td> <td>b</td> <td>c</td> <td>d</td> </tr> <tr> <td>Han E® screw</td> <td>18</td> <td>33</td> <td>18</td> <td>35</td> </tr> <tr> <td>Han® ES / Han E® crimp</td> <td>19</td> <td>34</td> <td>19</td> <td>36</td> </tr> <tr> <td>Han ESS</td> <td>34</td> <td>49</td> <td>32</td> <td>49</td> </tr> </table> <p>1) Distance for contact max. 21 mm</p> <table border="1"> <tr> <th>Identification</th> <th>Wire gauge (mm²)</th> <th>Male contacts</th> <th>Female contacts</th> </tr> <tr> <td rowspan="7">Crimp contacts Power contacts silver plated</td> <td>0.14-0.37</td> <td>09 33 000 6127*</td> <td>09 33 000 6227*</td> </tr> <tr> <td>0.5</td> <td>09 33 000 6121</td> <td>09 33 000 6220</td> </tr> <tr> <td>0.75</td> <td>09 33 000 6114</td> <td>09 33 000 6214</td> </tr> <tr> <td>1.0</td> <td>09 33 000 6105</td> <td>09 33 000 6205</td> </tr> <tr> <td>1.5</td> <td>09 33 000 6104</td> <td>09 33 000 6204</td> </tr> <tr> <td>2.5</td> <td>09 33 000 6102</td> <td>09 33 000 6202</td> </tr> <tr> <td>3</td> <td>09 33 000 6106</td> <td>09 33 000 6206</td> </tr> <tr> <td>4</td> <td>09 33 000 6107</td> <td>09 33 000 6207</td> </tr> <tr> <td rowspan="5">Crimp contacts gold plated</td> <td>0.14-0.37</td> <td>09 33 000 6117*</td> <td>09 33 000 6217*</td> </tr> <tr> <td>0.5</td> <td>09 33 000 6122</td> <td>09 33 000 6222</td> </tr> <tr> <td>0.75</td> <td>09 33 000 6115</td> <td>09 33 000 6215</td> </tr> <tr> <td>1.0</td> <td>09 33 000 6118</td> <td>09 33 000 6218</td> </tr> <tr> <td>1.5</td> <td>09 33 000 6116</td> <td>09 33 000 6216</td> </tr> <tr> <td rowspan="3">Relay contact silver plated</td> <td>0.75-1</td> <td>09 33 000 6109</td> <td></td> </tr> <tr> <td>1.5</td> <td>09 33 000 6110</td> <td></td> </tr> <tr> <td>2.5</td> <td>09 33 000 6111</td> <td></td> </tr> <tr> <td>Coding Pin</td> <td></td> <td></td> <td>09 33 000 9954</td> <td> </td> </tr> </table> | | a | b | c | d | Han E® screw | 18 | 33 | 18 | 35 | Han® ES / Han E® crimp | 19 | 34 | 19 | 36 | Han ESS | 34 | 49 | 32 | 49 | Identification | Wire gauge (mm²) | Male contacts | Female contacts | Crimp contacts Power contacts silver plated | 0.14-0.37 | 09 33 000 6127* | 09 33 000 6227* | 0.5 | 09 33 000 6121 | 09 33 000 6220 | 0.75 | 09 33 000 6114 | 09 33 000 6214 | 1.0 | 09 33 000 6105 | 09 33 000 6205 | 1.5 | 09 33 000 6104 | 09 33 000 6204 | 2.5 | 09 33 000 6102 | 09 33 000 6202 | 3 | 09 33 000 6106 | 09 33 000 6206 | 4 | 09 33 000 6107 | 09 33 000 6207 | Crimp contacts gold plated | 0.14-0.37 | 09 33 000 6117* | 09 33 000 6217* | 0.5 | 09 33 000 6122 | 09 33 000 6222 | 0.75 | 09 33 000 6115 | 09 33 000 6215 | 1.0 | 09 33 000 6118 | 09 33 000 6218 | 1.5 | 09 33 000 6116 | 09 33 000 6216 | Relay contact silver plated | 0.75-1 | 09 33 000 6109 | | 1.5 | 09 33 000 6110 | | 2.5 | 09 33 000 6111 | | Coding Pin | | | 09 33 000 9954 | |
| | a | b | c | | d | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Han E® screw | 18 | 33 | 18 | | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Han® ES / Han E® crimp | 19 | 34 | 19 | | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Han ESS | 34 | 49 | 32 | | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Identification | Wire gauge (mm²) | Male contacts | Female contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contacts Power contacts silver plated | 0.14-0.37 | 09 33 000 6127* | 09 33 000 6227* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.5 | 09 33 000 6121 | 09 33 000 6220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.75 | 09 33 000 6114 | 09 33 000 6214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.0 | 09 33 000 6105 | 09 33 000 6205 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.5 | 09 33 000 6104 | 09 33 000 6204 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.5 | 09 33 000 6102 | 09 33 000 6202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 09 33 000 6106 | 09 33 000 6206 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 09 33 000 6107 | 09 33 000 6207 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contacts gold plated | 0.14-0.37 | 09 33 000 6117* | 09 33 000 6217* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.5 | 09 33 000 6122 | 09 33 000 6222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0.75 | 09 33 000 6115 | 09 33 000 6215 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.0 | 09 33 000 6118 | 09 33 000 6218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.5 | 09 33 000 6116 | 09 33 000 6216 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relay contact silver plated | 0.75-1 | 09 33 000 6109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.5 | 09 33 000 6110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2.5 | 09 33 000 6111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coding Pin | | | 09 33 000 9954 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Identification | Wire gauge (mm²) | Part No. | | Drawing | Dimensions in mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---------|---|----------------|------------|-----|------------------|-----------|---------------|-----------|--------|-----------|---------|--------|--------|-----------|----------|--------|--------|----------|-------|--------|--------|-----------|---------|--------|--------|-----------|---------|--------|--------|-------------|---------|--------|--------|-----------|-------|--------|--------|--|
| | | Male contacts | Female contacts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contacts Power contacts silver plated | 0.14-0.37 0.5 0.75 1.0 1.5 2.5 3 4 | 09 33 000 6127* 09 33 000 6121 09 33 000 6114 09 33 000 6105 09 33 000 6104 09 33 000 6102 09 33 000 6106 09 33 000 6107 | 09 33 000 6227* 09 33 000 6220 09 33 000 6214 09 33 000 6205 09 33 000 6204 09 33 000 6202 09 33 000 6206 09 33 000 6207 | | Contact arrangement View from termination side | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| gold plated | 0.14-0.37 0.5 0.75 1.0 1.5 2.5 4.0 | 09 33 000 6117* 09 33 000 6122 09 33 000 6115 09 33 000 6118 09 33 000 6116 09 33 000 6123 09 33 000 6119 | 09 33 000 6217* 09 33 000 6222 09 33 000 6215 09 33 000 6218 09 33 000 6216 09 33 000 6223 09 33 000 6221 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relay contact silver plated | 0.75-1 1.5 2.5 | 09 33 000 6109 09 33 000 6110 09 33 000 6111 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Crimp contact identification <table border="1"> <tr> <th>Identification</th> <th>Wire gauge</th> <th>AWG</th> <th>Stripping length</th> </tr> <tr> <td>no groove</td> <td>0.14-0.37 mm²</td> <td>AWG 26-22</td> <td>7,5 mm</td> </tr> <tr> <td>no groove</td> <td>0.5 mm²</td> <td>AWG 20</td> <td>7,5 mm</td> </tr> <tr> <td>1 groove*</td> <td>0.75 mm²</td> <td>AWG 18</td> <td>7,5 mm</td> </tr> <tr> <td>1 groove</td> <td>1 mm²</td> <td>AWG 18</td> <td>7,5 mm</td> </tr> <tr> <td>2 grooves</td> <td>1.5 mm²</td> <td>AWG 16</td> <td>7,5 mm</td> </tr> <tr> <td>3 grooves</td> <td>2.5 mm²</td> <td>AWG 14</td> <td>7,5 mm</td> </tr> <tr> <td>wide groove</td> <td>3.0 mm²</td> <td>AWG 12</td> <td>7,5 mm</td> </tr> <tr> <td>no groove</td> <td>4 mm²</td> <td>AWG 12</td> <td>7,5 mm</td> </tr> </table> | | | | | | Identification | Wire gauge | AWG | Stripping length | no groove | 0.14-0.37 mm² | AWG 26-22 | 7,5 mm | no groove | 0.5 mm² | AWG 20 | 7,5 mm | 1 groove* | 0.75 mm² | AWG 18 | 7,5 mm | 1 groove | 1 mm² | AWG 18 | 7,5 mm | 2 grooves | 1.5 mm² | AWG 16 | 7,5 mm | 3 grooves | 2.5 mm² | AWG 14 | 7,5 mm | wide groove | 3.0 mm² | AWG 12 | 7,5 mm | no groove | 4 mm² | AWG 12 | 7,5 mm | |
| Identification | Wire gauge | AWG | Stripping length | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| no groove | 0.14-0.37 mm² | AWG 26-22 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| no groove | 0.5 mm² | AWG 20 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 groove* | 0.75 mm² | AWG 18 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 groove | 1 mm² | AWG 18 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 grooves | 1.5 mm² | AWG 16 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 grooves | 2.5 mm² | AWG 14 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| wide groove | 3.0 mm² | AWG 12 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| no groove | 4 mm² | AWG 12 | 7,5 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * on the back crimp collar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Coding Pin | | 09 33 000 9954 | Use of the coding pin prevents incorrect mating to other connectors of the same type. The male pin should be omitted from the opposing cavity in the male insert. |
|-----------------------|--|-----------------------|--|

* only to be used with BUCHANAN crimping tool 09 99 000 0001 and adjustment gauge 09 99 000 0203

Stock items in bold type