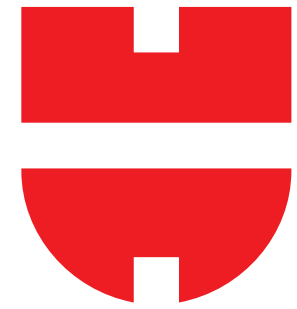


# VEHICLE ELECTRICAL COMPONENTS

Uninsulated cable connectors, unlocking tools, plug-in housings and processing tools

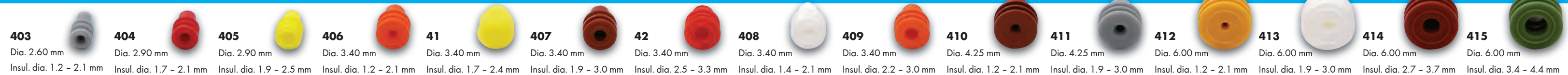
**Note: Drawings not to scale!**



# WÜRTH

## Individual Line Seals

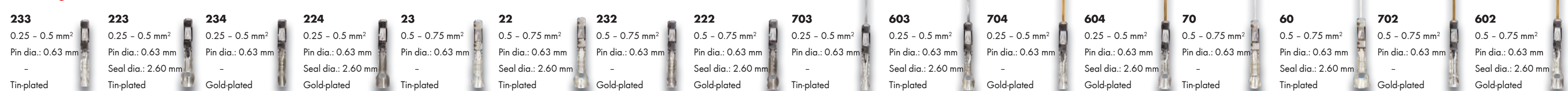
Art. No. 0558 991 ...



## AMP Micro Quadlok System (MQS) with locking lug

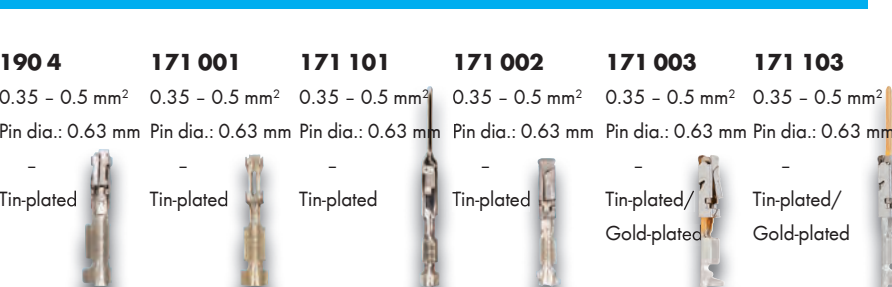
Art. No. 0558 190 ...

Unlocking Tool: Art. No. 0713 558 201



## AMPMODU and ELO with locking lug

Art. No. 0558 ...

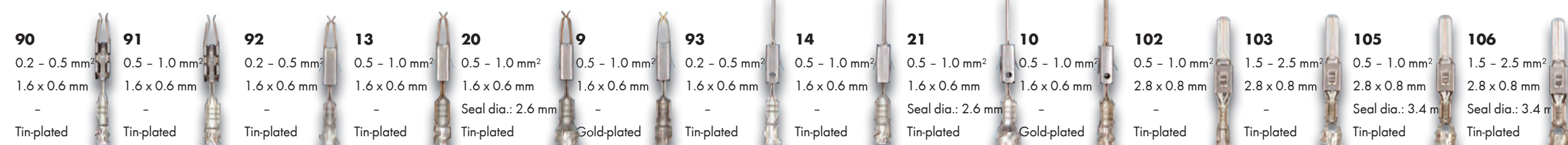


## AMP Micro Timer 1.6 with locking lug(s)

Art. No. 0558 190 ...

Unlocking Tool:  
Art. No. 0713 558 201

Unlocking Tool:  
Art. No. 0713 558 311



## Flat Plug 2.8 with asymmetrical locking lugs

Art. No. 0558 192 ...

Unlocking Tool: Art. No.  
0713 558 412

## AMP Junior Power Timer 2.8 with symmetrical locking lugs

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 312

<b>991 15</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>190 15</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.40 mm Tin-plated	<b>190 2</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Gold-plated	<b>190 1</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.40 mm Gold-plated	<b>190 151</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Silver-plated	<b>991 16</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>190 85</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.40 mm Tin-plated	<b>190 81</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>190 16</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.40 mm Tin-plated	<b>190 8</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Gold-plated	<b>190 83</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.40 mm Gold-plated	<b>190 82</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Silver-plated	<b>190 84</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>190 86</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.40 mm Tin-plated
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### AMP Junior Timer 2.8 with locking lug

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 212

<b>990 9</b> 0.5 - 1.5 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>996 7</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>996 9</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated
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### AMP Standard Power Timer 4.8/5.8 with symmetrical locking lugs

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 312

<b>190 18</b> 0.5 - 1.0 mm <sup>2</sup> 4.8/5.8 x 0.8 mm - Tin-plated	<b>190 11</b> 1.5 - 2.5 mm <sup>2</sup> 4.8/5.8 x 0.8 mm Seal dia.: 6.00 mm Tin-plated	<b>997 23</b> 1.5 - 2.5 mm <sup>2</sup> 4.8/5.8 x 0.8 mm - Tin-plated	<b>190 19</b> 0.5 - 1.0 mm <sup>2</sup> 5.8 x 0.8 mm - Tin-plated
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### Flat Plug 4.8 with asymmetrical locking lugs

Art. No. 0558 193 ...

Unlocking Tool: Art. No. 0713 558 413

<b>102</b> 0.5 - 1.0 mm <sup>2</sup> 4.8 x 0.8 mm - Tin-plated	<b>103</b> 1.5 - 2.5 mm <sup>2</sup> 4.8 x 0.8 mm - Tin-plated	<b>104</b> 2.5 - 4.0 mm <sup>2</sup> 4.8 x 0.8 mm - Tin-plated	<b>105</b> 0.5 - 1.0 mm <sup>2</sup> 4.8 x 0.8 mm Seal dia.: 6.00 mm Tin-plated	<b>106</b> 1.5 - 2.5 mm <sup>2</sup> 4.8 x 0.8 mm Seal dia.: 6.00 mm Tin-plated	<b>107</b> 2.5 - 4.0 mm <sup>2</sup> 4.8 x 0.8 mm Seal dia.: 6.00 mm Tin-plated
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### AMP Standard Timer 4.8/6.3 with locking lug

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 212

<b>997 2</b> 0.5 - 1.5 mm <sup>2</sup> 4.8/6.3 x 0.8 mm - Tin-plated	<b>997 3</b> 1.5 - 2.5 mm <sup>2</sup> 4.8/6.3 x 0.8 mm - Tin-plated
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### Double Flat Spring, 4.8/6.3, with symmetrical locking lugs

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 312

<b>997 31</b> 0.5 - 1.0 mm <sup>2</sup> 6.3 x 0.8 mm - Tin-plated	<b>991 00</b> 0.5 - 1.0 mm <sup>2</sup> 4.8/6.3 x 0.8 mm - Tin-plated	<b>991 01</b> 1.5 - 2.5 mm <sup>2</sup> 4.8/6.3 x 0.8 mm - Tin-plated	<b>991 05</b> 2.5 - 4.0 mm <sup>2</sup> 4.8/6.3 x 0.8 mm - Tin-plated	<b>991 03</b> 4.0 - 6.0 mm <sup>2</sup> 4.8/6.3 x 0.8 mm - Tin-plated
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### AMP Maxi Power Timer 9.5 with symmetrical locking lugs

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 314

<b>997 35</b> 4.0 - 6.0 mm <sup>2</sup> 9.5 x 1.2 mm - Tin-plated
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### AMP Micro Power Quadlok 2.8 with locking lug

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 212

<b>190 101</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.63 mm - Tin-plated	<b>190 102</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.63 mm - Tin-plated	<b>191 101</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.63 mm - Tin-plated	<b>191 102</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.63 mm - Tin-plated
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### AMP MCP 1.5 with symmetrical locking lugs

Art. No. 0558 197...

Unlocking Tool: Art. No. 0713 558 321

<b>001</b> 0.2 - 0.35 mm <sup>2</sup> 1.6 x 0.6 mm - Tin-plated	<b>002</b> 0.5 - 1.0 mm <sup>2</sup> 1.6 x 0.6 mm - Tin-plated	<b>004</b> 0.2 - 0.35 mm <sup>2</sup> 1.6 x 0.6 mm Seal dia.: 2.6 mm Tin-plated	<b>005</b> 0.5 - 1.0 mm <sup>2</sup> 1.6 x 0.6 mm Seal dia.: 2.6 mm Tin-plated	<b>012</b> 0.5 - 1.0 mm <sup>2</sup> 1.6 x 0.6 mm - Tin-plated/Silver-plated	<b>015</b> 0.5 - 1.0 mm <sup>2</sup> 1.6 x 0.6 mm Seal dia.: 2.6 mm Tin-plated/Silver-plated
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### AMP MCP 2.8 with symmetrical locking lugs

Art. No. 0558 198 ...

Unlocking Tool: Art. No. 0713 558 322

<b>001</b> 0.2 - 0.35 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>002</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>003</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>005</b> 0.2 - 0.35 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated	<b>006</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated	<b>007</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated	<b>011</b> 0.2 - 0.35 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated/Silver-plated	<b>015</b> 0.2 - 0.35 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated/Silver-plated	<b>012</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated/Silver-plated	<b>016</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated/Silver-plated	<b>013</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated/Silver-plated	<b>017</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated/Silver-plated
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### LEAR MKR/MKS PLUS with symmetrical locking lugs

Art. No. 0558 194 ...

Unlocking Tool: Art. No. 0713 558 510

<b>001</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.4 mm Tin-plated	<b>002</b> 0.75 - 1.5 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 2.9 mm Tin-plated	<b>003</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.4 mm Tin-plated	<b>101</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.4 mm Tin-plated	<b>102</b> 0.75 - 1.5 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 2.9 mm Tin-plated	<b>103</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.4 mm Tin-plated
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### LEAR VKR/VKS PLUS with symmetrical locking lugs

Art. No. 0558 195 ...

Unlocking Tool: Art. No. 0713 558 520

<b>001</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 4.25 mm Tin-plated	<b>002</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 4.25 mm Tin-plated	<b>101</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.4 mm Tin-plated	<b>102</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.4 mm Tin-plated
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Art. No. 0558 195 ...

Unlocking Tool: Art. No. 0713 558 150

<b>001</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 4.25 mm Tin-plated	<b>002</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 4.25 mm Tin-plated	<b>101</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.4 mm Tin-plated	<b>102</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.4 mm Tin-plated
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### Ducon 0.8/1.5/2.8 with locking lug(s)

Art. No. 0558 125...

Unlocking Tools: Art. No. 0713 558 201/221

<b>001</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 0.8 mm - Tin-plated	<b>101</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 0.8 mm - Tin-plated
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Art. No. 0558 126...

Unlocking Tool: Art. No. 0713 558 222

<b>001</b> 0.5 - 1.0 mm <sup>2</sup> 1.5 x 0.8 mm - Tin-plated	<b>101</b> 0.5 - 1.0 mm <sup>2</sup> 1.5 x 0.8 mm - Tin-plated
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Art. No. 0558 127...

Unlocking Tool: Art. No. 0713 558 222

<b>001</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated	<b>101</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm - Tin-plated
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Unlocking Tool: Art. No. 0713 558 331

<b>003</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated	<b>103</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Seal dia.: 3.4 mm Tin-plated
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### Various Blade Contacts/Flat Plugs

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 2..

<b>994 0</b> 0.5 - 1.0 mm <sup>2</sup> 1.5 mm - Tin-plated	<b>995 4</b> 0.5 - 1.0 mm <sup>2</sup> 1.5 x 0.8 mm Seal dia.: 3.40 mm Tin-plated	<b>190 34</b> 0.5 - 1.0 mm <sup>2</sup> 1.5 mm - Tin-plated	<b>995 41</b> 0.5 - 1.0 mm <sup>2</sup> 1.5 mm Seal dia.: 3.40 mm Tin-plated	<b>995 80</b> 0.35 - 0.5 mm <sup>2</sup> 1.5 mm Seal dia.: 3.40 mm Tin-plated	<b>995 82</b> 0.75 - 1.5 mm <sup>2</sup> 1.5 mm Seal dia.: 3.40 mm Tin-plated	<b>995 84</b> 1.5 - 2.5 mm <sup>2</sup> 1.5 mm Seal dia.: 3.40 mm Tin-plated	<b>995 79</b> 0.35 - 0.5 mm <sup>2</sup> 1.5 x 0.8 mm Seal dia.: 3.40 mm Tin-plated	<b>995 81</b> 0.75 - 1.5 mm <sup>2</sup> 1.5 x 0.8 mm Seal dia.: 3.40 mm Tin-plated
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### Socket/Pin Contacts with locking lugs

Art. No. 0558 ...

Unlocking Tools: Art. No. 0713 558 130/190\*

<b>185 002</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.5 mm - Tin-plated	<b>185 003</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 1.5 mm - Tin-plated	<b>185 005</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.40 mm Tin-plated	<b>185 006</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.40 mm Tin-plated	<b>185 105*</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.40 mm Tin-plated	<b>185 106*</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 1.5 mm Seal dia.: 3.40 mm Tin-plated
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<b>995 83</b> 1.5 - 2.5 mm <sup>2</sup> 1.5 x 0.8 mm Seal dia.: 3.40 mm Tin-plated	<b>190 36</b> 0.5 - 1.25 mm <sup>2</sup> 1.7 mm Tin-plated	<b>190 41</b> 0.5 - 1.25 mm <sup>2</sup> 1.7 x 0.65 mm Tin-plated	<b>190 35</b> 0.5 - 1.25 mm <sup>2</sup> 1.7 mm Tin-plated	<b>190 42</b> 0.5 - 1.25 mm <sup>2</sup> 1.7 x 0.65 mm Tin-plated	<b>190 33</b> 0.5 - 1.25 mm <sup>2</sup> 2.3 mm Tin-plated	<b>190 40</b> 0.5 - 1.25 mm <sup>2</sup> 2.3 x 0.65 mm Tin-plated	<b>190 310</b> 0.35 - 0.75 mm <sup>2</sup> mm <sup>2</sup> 3.0 mm Tin-plated	<b>190 311</b> 0.75 - 1.75 mm <sup>2</sup> mm <sup>2</sup> 3.0 mm Tin-plated
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<b>995 74</b> 0.35 - 0.75 mm <sup>2</sup> 3.0 x 0.65 mm Tin-plated	<b>995 75</b> 0.75 - 1.75 mm <sup>2</sup> 3.0 x 0.65 mm Tin-plated	<b>995 70</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Tin-plated	<b>995 71</b> 1.5 - 2.5 mm <sup>2</sup> 2.8 x 0.8 mm Tin-plated	<b>992 4</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Tin-plated	<b>995 8</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Tin-plated	<b>994 5</b> 1.0 - 2.5 mm <sup>2</sup> 4.8 x 0.8 mm Seal dia.: 6.0 mm Tin-plated	<b>190 56</b> 1.0 - 2.5 mm <sup>2</sup> 2.8 mm Seal dia.: 3.40 mm Tin-plated
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**Unlocking Tools:**  
Art. No. 0713 558 342/343

<b>186 002</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>186 003</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>186 006</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated	<b>186 007</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated	<b>186 102</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>186 103</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>186 106</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated	<b>186 107</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated
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<b>188 002</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>188 003</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>188 006</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated	<b>188 007</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated	<b>188 102</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>188 103</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>188 106</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated	<b>188 107</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Seal dia.: 3.40 mm Tin-plated
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## Socket/Pin Contacts without locking lugs

Art. No. 0558 ...

<b>181 002</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.0 mm Tin-plated	<b>181 102</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.0 mm Tin-plated	<b>182 002</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>182 003</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>182 102</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>182 103</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.5 mm Tin-plated	<b>183 002</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 4.0 mm Tin-plated	<b>183 003</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 4.0 mm Tin-plated	<b>183 102</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 4.0 mm Tin-plated	<b>183 103</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 4.0 mm Tin-plated
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## Push-On Receptacles

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 2..

<b>502 9</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.5 mm Bare	<b>601 0</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.5 mm With detent Bare	<b>603 21</b> 1.0 - 1.5 mm <sup>2</sup> 2.8 x 0.5 mm With detent Bare	<b>531 2</b> 1.5 - 2.5 mm <sup>2</sup> 4.8 x 0.8 mm Bare	<b>631 2</b> 1.5 - 2.5 mm <sup>2</sup> 4.8 x 0.8 mm With detent Bare	<b>504 0</b> 0.5 - 1.0 mm <sup>2</sup> 6.3 x 0.8 mm Bare	<b>450 40</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm Bare	<b>929</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm Bare
<b>603 2</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm With detent Bare	<b>504 7</b> 4.0 - 6.0 mm <sup>2</sup> 6.3 x 0.8 mm Bare	<b>502 0</b> 0.5 - 1.5 mm <sup>2</sup> 7.7 x 0.8 mm With detent Bare	<b>526 6</b> 4.0 - 6.0 mm <sup>2</sup> 9.5 x 1.2 mm Bare	<b>514 3</b> 1.0 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm Bare	<b>928</b> 6.3 x 0.8 mm Bare	<b>957</b> 4.8 x 0.8 mm Bare	<b>958</b> 6.3 x 0.8 mm Bare

<b>992 2</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.5 mm Tin-plated	<b>995 5</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.5 mm With detent Tin-plated	<b>992 3</b> 0.5 - 1.0 mm <sup>2</sup> 2.8 x 0.8 mm Tin-plated	<b>992 1</b> 1.5 - 2.5 mm <sup>2</sup> 4.8 x 0.5 mm Tin-plated	<b>991 9</b> 0.5 - 1.0 mm <sup>2</sup> 6.3 x 0.8 mm Tin-plated	<b>991 6</b> 0.5 - 1.0 mm <sup>2</sup> 6.3 x 0.8 mm With detent Tin-plated	<b>991 7</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm With detent Tin-plated	<b>996 2</b> 4.0 - 6.0 mm <sup>2</sup> 6.3 x 0.8 mm With detent Tin-plated
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<b>526 7</b> 4.0 - 6.0 mm <sup>2</sup> 9.5 x 1.2 mm With detent Tin-plated	<b>994 7</b> 0.75 - 2.0 mm <sup>2</sup> 5.1 x 0.8 mm With detent Tin-plated	<b>992 45</b> 0.5 - 1.0 mm <sup>2</sup> 6.3 x 0.8 mm With detent Silver-plated	<b>992 5</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm Silver-plated	<b>992 8</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm With detent Silver-plated	<b>992 6</b> 4.0 - 6.0 mm <sup>2</sup> 6.3 x 0.8 mm Silver-plated
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## Push-On Connectors

Art. No. 0558 ...

## Round Plug Sleeves/Round Plugs with locking lug(s)

Art. No. 0558 ...

Unlocking Tools: Art. No. 0713 558 130/140\*

<b>996 81*</b> 0.75 - 1.5 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated	<b>990 77*</b> 0.75 - 1.5 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated	<b>990 8</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated	<b>996 61</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated	<b>990 7*</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated	<b>996 4</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated	<b>997 0</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated	<b>997 1</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 1.65 mm Tin-plated
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Unlocking Tools: Art. No. 0713 558 160/130\*/110\*\*

<b>996 8*</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 2.1 mm Tin-plated	<b>990 5*</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.1 mm Tin-plated	<b>990 6**</b> 1.0 - 2.5 mm <sup>2</sup> Pin dia.: 2.1 mm Tin-plated	<b>993 1*</b> 0.5 - 1.5 mm <sup>2</sup> Pin dia.: 2.1 mm Tin-plated	<b>993 2*</b> 0.5 - 1.5 mm <sup>2</sup> Pin dia.: 2.1 mm Tin-plated	<b>990 001</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 3.5 mm Seal dia.: 3.40 mm Tin-plated	<b>990 002</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 3.5 mm Seal dia.: 3.40 mm Tin-plated
<b>990 1</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 3.5 mm Tin-plated	<b>997 7</b> 2.1 - 5.3 mm <sup>2</sup> Pin dia.: 3.5 mm Tin-plated	<b>990 2</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 3.5 mm Tin-plated	<b>990 4</b> 4.0 - 6.0 mm <sup>2</sup> Pin dia.: 3.5 mm Tin-plated	<b>990 201</b> 0.5 - 2.0 mm <sup>2</sup> Pin dia.: 3.5 mm Silver-plated	<b>990 203</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 3.5 mm Silver-plated	<b>990 204</b> 4.0 - 6.0 mm <sup>2</sup> Pin dia.: 3.5 mm Silver-plated

## Round Plug Sleeves/Round Plugs without locking lugs

Art. No. 0558 ...

<b>190 29</b> 0.5 - 1.5 mm <sup>2</sup> Pin dia.: 4.0 mm Tin-plated	<b>930</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 4.0 mm Bare	<b>505 1</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 4.0 mm Bare	<b>503 8</b> 0.5 - 1.0 mm <sup>2</sup> Pin dia.: 4.0 mm Bare	<b>513 3</b> 1.5 - 2.5 mm <sup>2</sup> Pin dia.: 4.0 mm Bare
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## Angled Push-On Receptacles

Art. No. 0558 ...

Unlocking Tool: Art. No. 0713 558 2...

<b>994 1</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm Bare	<b>630 2</b> 1.5 - 2.5 mm <sup>2</sup> 8.0 x 0.8 mm With detent Bare	<b>996 1</b> 1.5 - 2.5 mm <sup>2</sup> 6.3 x 0.8 mm Tin-plated	<b>991 3</b> 1.5 - 2.5 mm <sup>2</sup> 8.0 x 0.8 mm With detent Tin-plated	<b>991 4</b> For Art. No. 0558 994 1, 0558 996 1
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Unlocking Tool: Art. No. 0713 558 2..

<b>505 41</b>	<b>514 4</b>	<b>513 5</b>	<b>501 9</b>	<b>505 4</b>	<b>994 6</b>	<b>996 0</b>	<b>991 8</b>	<b>996 3</b>	<b>190 26</b>	<b>993 7</b>	<b>993 5</b>	<b>993 4</b>
1.0 – 1.5 mm <sup>2</sup>	0.5 – 1.0 mm <sup>2</sup>	0.5 – 1.0 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>	0.75 – 2.0 mm <sup>2</sup>	0.5 – 1.0 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>	4.0 – 6.0 mm <sup>2</sup>	0.5 – 2.0 mm <sup>2</sup>	0.8 – 2.5 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>	4.0 – 6.0 mm <sup>2</sup>
2.8 x 0.5 mm	2.8 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm	5.1 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm	6.0 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm
With detent	-	-	-	With detent	With detent	With detent	With detent	With detent	-	With detent	With detent	With detent
Bare	Bare	Bare	Bare	Bare	Tin-plated	Tin-plated	Tin-plated	Tin-plated	Tin-plated	Silver-plated	Silver-plated	Silver-plated

### Insulating Sleeves

Art. No. 0558 ...

<b>180 9</b>	<b>181 01</b>	<b>180 09</b>	<b>181 0</b>
For push-on receptacles	For flat plugs	For push-on receptacles	For flat plugs
6.3 mm	6.3 mm	6.3 mm	6.3 mm
Dia. 2.5 mm	Dia. 2.5 mm	4.0 x 2.8 mm	4.0 x 2.8 mm

### Positive Lock Receptacles

Art. No. 0558 ...

<b>160 77</b>	<b>160 78</b>	<b>160 79</b>	<b>160 71</b>	<b>101 1</b>
0.5 – 1.5 mm <sup>2</sup>	2.5 – 4.0 mm <sup>2</sup>	4.0 – 6.0 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>	Housing for Positive Lock receptacles
6.3 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm	6.3 x 0.8 mm	
Tin-plated	Tin-plated	Tin-plated	Silver-plated	

### Ring Lugs

Art. No. 0558 ...

<b>521 5</b>	<b>521 7</b>	<b>521 9</b>	<b>522 1</b>
1.5 – 2.5 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>
M4	M5	M6	M8
Bare	Bare	Bare	Bare

Art. No. 0558 ...

<b>504 9</b>	<b>160 60</b>	<b>160 61</b>	<b>173 0</b>	<b>177 4</b>	<b>193 5</b>
1 x 6.3 x 0.8 mm	1 x 6.3 x 0.8 mm	1 x 6.3 x 0.8 mm	1 x 6.3 x 0.8 mm	1 x 6.3 x 0.8 mm	2 x 6.3 x 0.8 mm
Drill dia.: 5.2 mm	Drill dia.: 4.2 mm	Drill dia.: 5.2 mm	Size 6 mm	Drill dia.: 8.4 mm	Drill dia.: 5.2 mm
Bare	Bare	Bare	Bare	Tin-plated	Tin-plated

### Butt Connector

Art. No. 0558 ...

<b>516 0</b>	<b>516 1</b>	<b>516 2</b>
0.2 – 0.35 mm <sup>2</sup>	0.5 – 1.0 mm <sup>2</sup>	1.5 – 2.5 mm <sup>2</sup>
Tin-plated	Tin-plated	Tin-plated

### Connection accessories for ignition cables

Art. No. 0558 ...

<b>535 1</b>	<b>569 5</b>	<b>501 3</b>
Bare	Tin-plated	Nickel-plated

### LEAR GSK

Art. No. 0558 719...

<b>102</b>	<b>103</b>
1.5 – 2.5 mm <sup>2</sup>	2.5 – 4.0 mm <sup>2</sup>
Max. 40 A	Max. 40 A

### Repair lines – Uninsulated cable connectors with attached FLRY lines

Line length: 200 mm/Line color: yellow

**AMP Micro Quadlok System (MQS)**  
Art. No. 0558 470 ...

Unlocking Tool: Art. No. 0713 558 201

<b>001</b>	<b>002</b>	<b>101</b>	<b>102</b>
0.5 mm <sup>2</sup>	0.5 mm <sup>2</sup>	0.5 mm <sup>2</sup>	0.5 mm <sup>2</sup>
Pin dia.: 0.63 mm	Pin dia.: 0.63 mm	Pin dia.: 0.63 mm	Pin dia.: 0.63 mm
Gold-plated	Tin-plated	Gold-plated	Tin-plated

**AMP Micro Timer (MT I, II + III)**  
Art. No. 0558 471 ...

Unlocking Tools: Art. No. 0713 558 201\* /311

<b>001*</b>	<b>002*</b>	<b>003</b>	<b>004</b>	<b>005</b>	<b>006</b>	<b>103</b>	<b>104</b>	<b>105</b>	<b>106</b>
0.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	0.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	0.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	0.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	0.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>
1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm	1.6 x 0.6 mm
Tin-plated	Tin-plated	Gold-plated	Gold-plated	Tin-plated	Tin-plated	Gold-plated	Gold-plated	Tin-plated	Tin-plated

**AMP MCP**  
Art. No. 0558 473 ...

Unlocking Tools:  
Art. No. 0713 558 321\* /322

<b>002*</b>	<b>004</b>	<b>006</b>
1.0 mm <sup>2</sup>	1.0 mm <sup>2</sup>	2.5 mm <sup>2</sup>
1.6 x 0.6 mm	2.8 x 0.8 mm	2.8 x 0.8 mm
Tin-plated	Tin-plated	Tin-plated

**KOSTAL MLK**  
Art. No. 0558 474 ...

<b>002</b>	<b>102</b>
1.0 mm <sup>2</sup>	1.0 mm <sup>2</sup>
1.2 mm	1.2 mm
Tin-plated	Tin-plated

**AMP Junior Power Timer (JPT)**  
Art. No. 0558 472 ...

Unlocking Tools: Art. No. 0713 558 312/412\*

<b>001</b>	<b>002</b>	<b>003</b>	<b>004</b>	<b>101</b>	<b>102</b>	<b>103</b>	<b>104</b>	<b>106*</b>
1.0 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>
2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm
Gold-plated	Gold-plated	Tin-plated	Tin-plated	Gold-plated	Gold-plated	Tin-plated	Tin-plated	Tin-plated

**KOSTAL SLK**  
Art. No. 0558 475 ...

Unlocking Tools: Art. No. 0713 558 342/343

<b>001</b>	<b>002</b>	<b>101</b>	<b>102</b>
1.0 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>	2.5 mm <sup>2</sup>
2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm	2.8 x 0.8 mm
Tin-plated	Tin-plated	Tin-plated	Tin-plated

**YAZAKI (Ford)**  
Art. No. 0558 476 ...

Unlocking Tool:  
Art. No. 0713 558 241

<b>001</b>	<b>002</b>
1.0 mm <sup>2</sup>	1.0 mm <sup>2</sup>
1.5 mm	1.5 mm
Gold-plated	Tin-plated













# Unlocking Tools for uninsulated cable connectors

Art. No. 0713 558 ...

For round plug contacts

								
<b>Scania/Fendt 110</b> Dia. 1.5 mm <b>Spare sleeves: 111</b>	<b>LKS 120</b> Dia. 1.5 mm <b>Spare sleeves: 121</b>	<b>130</b> Dia. 1.5 mm <b>Spare sleeves: 131</b>	<b>5- to 7-pin pin housing 190</b> Dia. 1.5 mm <b>Spare sleeves: 191</b>	<b>140</b> Dia. 2.3 mm <b>Spare sleeves: 141</b>	<b>150</b> Dia. 2.5 mm <b>Spare sleeves: 151</b>	<b>160</b> Dia. 3.5 mm <b>Spare sleeves: 161</b>	<b>Tyco AMP Socket 170</b> Dia. 4.0 mm <b>Spare sleeves: 171</b>	<b>ABS 180</b> Dia. 4.0 mm <b>Disassembly Sleeves: 181 Assembly Sleeves: 182</b>

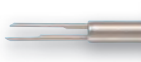
For contacts with a locking lug

									
<b>MQS/ Micro-Timer I 201</b> 0.63/1.6 mm	<b>Width: 1.0 mm 202</b> 1.6 mm	<b>Width: 0.9 mm 240</b> 1.6 mm	<b>Junior/ Standard Timer 212</b> 2.8/5.8 mm	<b>Junior/ Standard Timer 213</b> 2.8/5.8 mm	<b>Power Quadlok 214</b> 5.8 mm	<b>Ducon 221</b> 0.8 mm	<b>Ducon 222</b> 1.5 mm	<b>LKS 241</b> 1.5 mm	<b>Pit-Pod 230</b> 6.3 mm

For contacts with two symmetrical locking lugs

														
<b>Micro-Timer II and III 311</b> 1.6 mm	<b>JPT/SPT 312</b> 2.8/5.8 mm	<b>Maxi-Power Timer 314</b> 9.5 mm	<b>MCP 321</b> 1.5 mm	<b>MCP 322</b> 2.8 mm	<b>MCP 323</b> 4.8/6.3 mm	<b>MCP 324</b> 9.5 mm	<b>Ducon 331</b> 1.5/2.8 mm	<b>Ducon 333</b> 4.8/6.3 mm	<b>Ducon 334</b> 9.5 mm	<b>Primary SLK 342</b> 2.8 mm	<b>Primary/ Secondary SLK 343</b> 2.8 mm	<b>352</b> 2.8/5.8 mm	<b>LSK 8 363</b> 8.0 mm	<b>E-95 371</b> 1.65 mm

For contacts with two asymmetrical locking lugs

		
<b>412</b> 2.8 mm	<b>413</b> 4.8 mm	<b>Ford 423</b> 2.8 mm

For contacts with multiple locking lugs

		
<b>MKR/MKS 510</b> 1.5 mm	<b>VKR 520</b> 2.5 mm	<b>BDK/BSK 530</b> -

For secondary locks

			
<b>610</b>	<b>620</b>	<b>630</b>	<b>640</b>

## Unlocking Tool Product Ranges (Attention: Vehicle-specific unlocking tool product ranges in the range)

**Universal  
Product Range  
19-pc.  
Utility Vehicles/  
Buses  
Art. No.  
0964 713 500**



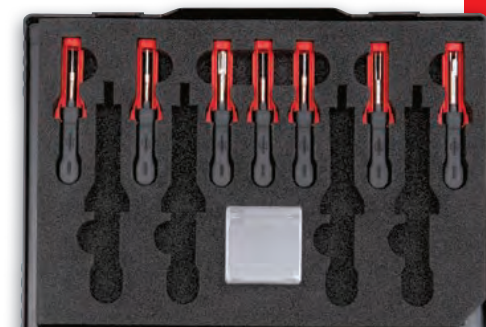
**Basic  
Product Range  
6-pc.  
Utility Vehicles/  
Buses  
Art. No.  
0964 713 510**



**Universal  
Product Range  
5-pc.  
Utility Vehicles/  
Buses  
Art. No.  
0964 713 515**



**Universal  
Product Range  
16-pc.  
Cars  
Art. No.  
0964 713 600**



## Screwdriver

For secondary locks

Art. No. 0558 999 6



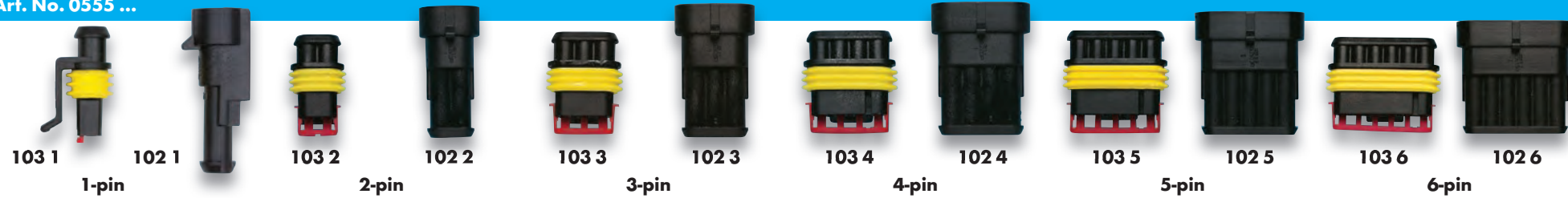
**Basic  
Product Range  
8-pc.  
Cars  
Art. No.  
0964 713 610**





## Waterproof Plug-In Connector Systems

Art. No. 0555 ...



103 1 102 1 103 2 102 2 103 3 102 3 103 4 102 4 103 5 102 5 103 6 102 6  
1-pin 2-pin 3-pin 4-pin 5-pin 6-pin

### Pin Contacts

Art. No. 0558 ...



995 79

0.35 - 0.5 mm<sup>2</sup>

995 81

0.75 - 1.5 mm<sup>2</sup>

995 83

1.5 - 2.5 mm<sup>2</sup>

### Socket Contacts

Art. No. 0558 ...



995 80

0.35 - 0.5 mm<sup>2</sup>

995 82

0.75 - 1.5 mm<sup>2</sup>

995 84

1.5 - 2.5 mm<sup>2</sup>

### Individual Line Seals

Art. No. 0558 ...



991 406

Dia. 1.2 - 2.1 mm



991 41

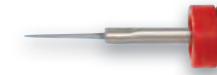
Dia. 1.7 - 2.4 mm

991 42

Dia. 2.5 - 3.3 mm

### Unlocking Tools

Art. No. 0713 558 ...



201

For contacts



610

For pin housing secondary locking

## Waterproof Plug-In Connector System Product Range

Art. No. 0964 555 10



## Multiple Rack for push-on connectors

For plugging width 6.3 x 0.8 mm

Art. No. 0555 ...

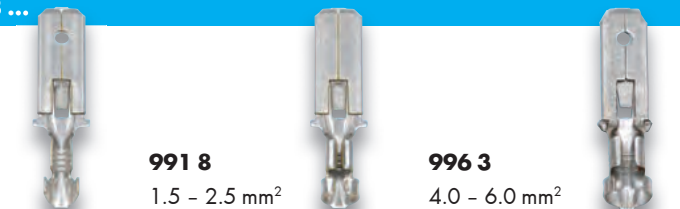


100 1 100 2 100 22 100 3 100 4 100 6 100 8  
1/- 2/= 2/+ 3/= 4/= 6/= 8/=

## Push-On Connectors

6.3 x 0.8 mm

Art. No. 0558 ...



996 0 991 8 996 3  
0.5 - 1.0 mm<sup>2</sup> 1.5 - 2.5 mm<sup>2</sup> 4.0 - 6.0 mm<sup>2</sup>

## Multiple Rack for push-on receptacles

For plugging width 6.3 x 0.8 mm

Art. No. 0555 ...



100 11 100 21 100 23 100 31 100 41 100 61 100 81  
1/- 2/= 2/+ 3/= 4/= 6/= 8/=

## Push-On Receptacles

6.3 x 0.8 mm

Art. No. 0558 ...



991 6 991 7 996 2  
0.5 - 1.0 mm<sup>2</sup> 1.5 - 2.5 mm<sup>2</sup> 4.0 - 6.0 mm<sup>2</sup>

## Multiple Rack for push-on connectors

For plugging width 2.8 x 0.5 mm

Art. No. 0555 ...



101 4 101 6 101 9  
4/= 6/= 9/=

## Push-On Connector

2.8 x 0.5 mm

Art. No. 0558 ...



505 41  
1.0 - 1.5 mm<sup>2</sup>

## Multiple Rack for push-on receptacles

For plugging width 2.8 x 0.5 mm

Art. No. 0555 ...



101 41 101 61 101 91  
4/= 6/= 9/=

## Push-On Receptacle

2.8 x 0.5 mm

Art. No. 0558 ...



603 21  
1.0 - 1.5 mm<sup>2</sup>

## Crimping Tool

With contact mount for Art. No. 0558 995 79 to 0558 995 84

Art. No. 0714 107 130



## Crimping Tools for uninsulated cable connectors

Art. No. 0714 107 ...



107  
0.1 - 2.5 mm<sup>2</sup>

108  
0.5 - 6.0 mm<sup>2</sup>

109  
0.14 - 1.5 mm<sup>2</sup>

110  
0.5 - 2.5 mm<sup>2</sup>



# VEHICLE ELECTRICAL COMPONENTS

General information

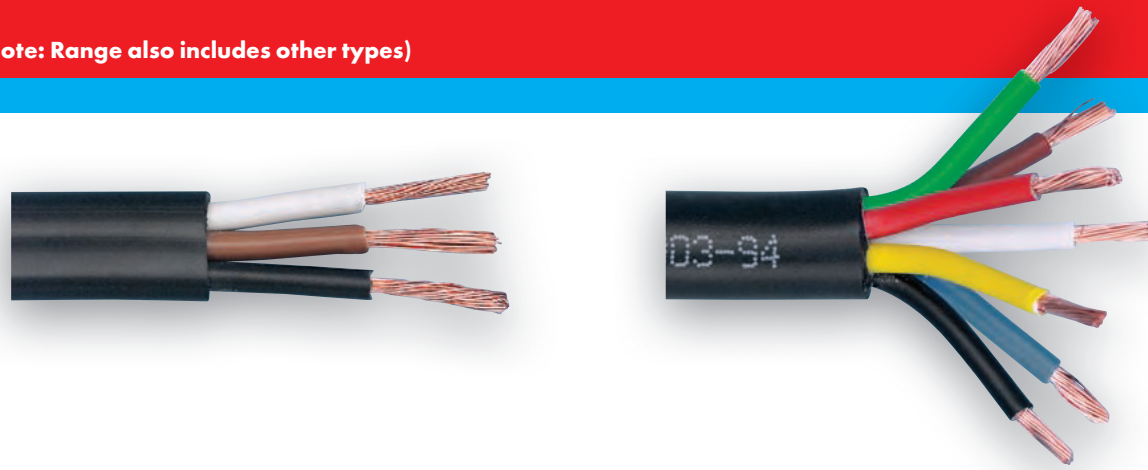
Note: Drawings not to scale!



# WÜRTH

## Vehicle Lines (Note: Range also includes other types)

Art. No. 0770 ...



## Crimping Tool

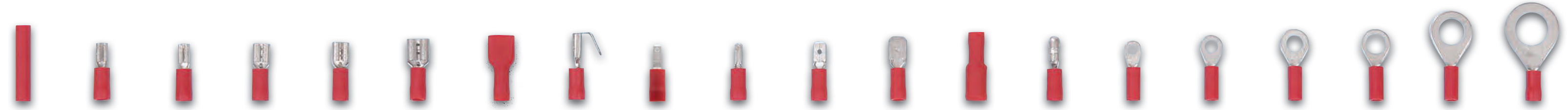
Art. No. 0714 107 111



## Insulated Cable Connectors

Art. No. 0558 ...

0.5 - 1.0 mm<sup>2</sup>



- |       |              |              |              |              |              |              |              |              |              |              |              |              |              |       |       |       |       |       |        |
|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|-------|-------|-------|-------|--------|
| 925 1 | 960 1        | 960          | 976 1        | 977 1        | 905 1        | 905 11       | 942 1        | 973 1        | 975 1        | 939 1        | 944 1        | 947 1        | 946 1        | 900 1 | 901 1 | 902 1 | 903 1 | 904 1 | 904 11 |
|       | 2.8 x 0.5 mm | 2.8 x 0.8 mm | 4.8 x 0.5 mm | 4.8 x 0.8 mm | 6.3 x 0.8 mm | 6.3 x 0.8 mm | 6.3 x 0.8 mm | 2.8 x 0.5 mm | 2.8 x 0.8 mm | 4.8 x 0.8 mm | 6.3 x 0.8 mm | Dia.: 4.0 mm | Dia.: 4.0 mm | M3    | M4    | M5    | M6    | M8    | M10    |

Art. No. 0558 ...

1.5 - 2.5 mm<sup>2</sup>



**926 2**    **959 2** 2.8 x 0.5 mm    **960 2** 2.8 x 0.8 mm    **976 2** 4.8 x 0.5 mm    **977 2** 4.8 x 0.8 mm    **905 2** 6.3 x 0.8 mm    **940 2** 8.2 x 0.8 mm    **905 22** 6.3 x 0.8 mm    **943 2** 6.3 x 0.8 mm    **939 2** 4.8 x 0.8 mm    **945 2** 6.3 x 0.8 mm    **949 2** Dia.: 5.0 mm    **948 2** Dia.: 5.0 mm    **907 2** M3.5    **908 2** M4    **909 2** M5    **910 2** M6    **911 2** M8    **912 2** M10

**Art. No. 0558 ...**  
4.0 - 6.0 mm<sup>2</sup>

**Insulated Cable Connector Product Ranges**



**927 4**    **905 4** 6.3 x 0.8 mm    **941 4** 9.5 mm    **905 44** 6.3 x 0.8 mm    **944 4** 6.3 x 0.8 mm    **945 4** 6.3 x 0.8 mm    **962** Dia.: 5.0 mm    **961** Dia.: 5.0 mm    **914 4** M4    **915 4** M5    **916 4** M6    **917 4** M8    **918 4** M10    **919 4** M12

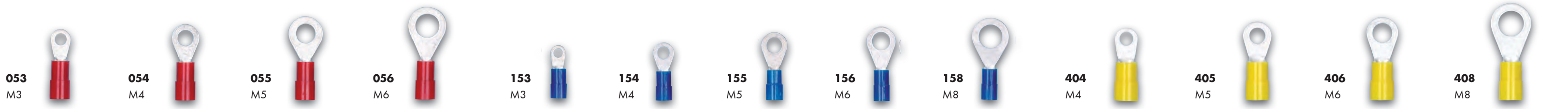
**Art. No. 0964 558 1**

**Art.No. 0964 558 2**



**Polyamide-Insulated Crimp Cable Lugs** (Note: Range also includes other sizes)

**Art. No. 0967 400 ...**  
0.5 - 1.0 mm<sup>2</sup>    1.5 - 2.5 mm<sup>2</sup>



**053** M3    **054** M4    **055** M5    **056** M6    **153** M3    **154** M4    **155** M5    **156** M6    **158** M8    **404** M4    **405** M5    **406** M6    **408** M8

**Art. No. 0967 401 ...**  
0.5 - 1.0 mm<sup>2</sup>    1.5 - 2.5 mm<sup>2</sup>    4.0 - 6.0 mm<sup>2</sup>

**Art. No. 0967 402 ...**



**053** M3    **054** M4    **055** M5    **056** M6    **153** M3    **154** M4    **155** M5    **156** M6    **158** M8    **404** M4    **405** M5    **406** M6    **408** M8    **05** Pin length: 11 mm 0.5 - 1.0 mm<sup>2</sup>    **15** Pin length: 11 mm 1.5 - 2.5 mm<sup>2</sup>    **40** Pin length: 11 mm 4.0 - 6.0 mm<sup>2</sup>

**Heat-Shrink Crimp Connectors, type "Standard"**

**Art. No. 0555 ...**  
0.2 - 0.5 mm<sup>2</sup>    0.5 - 1.5 mm<sup>2</sup>    1.5 - 2.5 mm<sup>2</sup>



**516 0**    **516 1**    **905 1** 6.3 x 0.8 mm    **944 1** 6.3 x 0.8 mm    **901 1** M4    **902 1** M5    **903 1** M6    **904 1** M8    **904 11** M10    **955 1** M4    **516 2**    **905 2** 6.3 x 0.8 mm    **945 2** 6.3 x 0.8 mm    **908 2** M4    **909 2** M5    **910 2** M6    **911 2** M8    **912 2** M10    **953 2** M4    **954 2** M5

**Art. No. 0555 ...**  
4.0 - 6.0 mm<sup>2</sup>

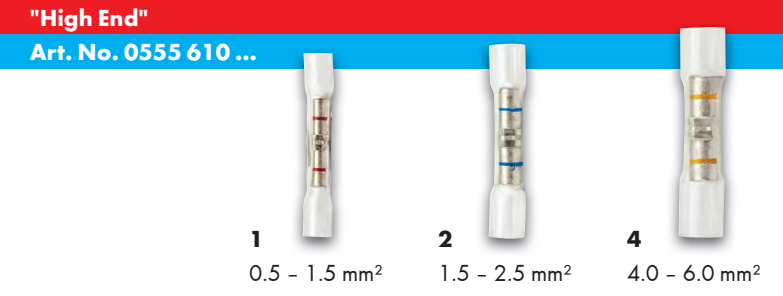
**Heat-Shrink Crimp Connectors**

**Heat-Shrink Crimp Branch Connectors**

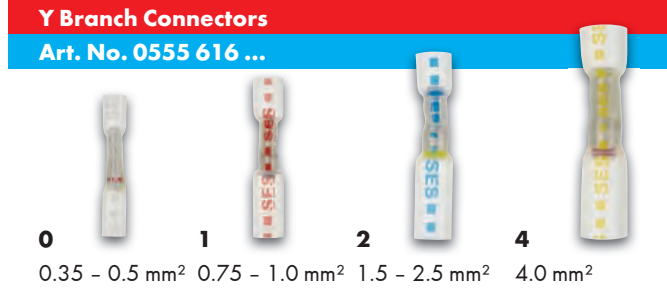




**5164** **9054** **9454** **9144** **9154** **9164** **9174** **9184** **9214** **9224**  
 6.3 x 0.8 mm 6.3 x 0.8 mm M4 M5 M6 M8 M10 M4 M5



**"High End"**  
 Art. No. 0555 610 ...  
**1** **2** **4**  
 0.5 - 1.5 mm<sup>2</sup> 1.5 - 2.5 mm<sup>2</sup> 4.0 - 6.0 mm<sup>2</sup>



**Y Branch Connectors**  
 Art. No. 0555 616 ...  
**0** **1** **2** **4**  
 0.35 - 0.5 mm<sup>2</sup> 0.75 - 1.0 mm<sup>2</sup> 1.5 - 2.5 mm<sup>2</sup> 4.0 mm<sup>2</sup>



**End Branch Connectors**  
 Art. No. 0555 618 ...  
**1** **2**  
 Dia.: 2.0 mm Dia.: 3.7 mm

**Heat-Shrink Solder Connectors**

Art. No. 0555 ...  
 Not RoHS-compliant

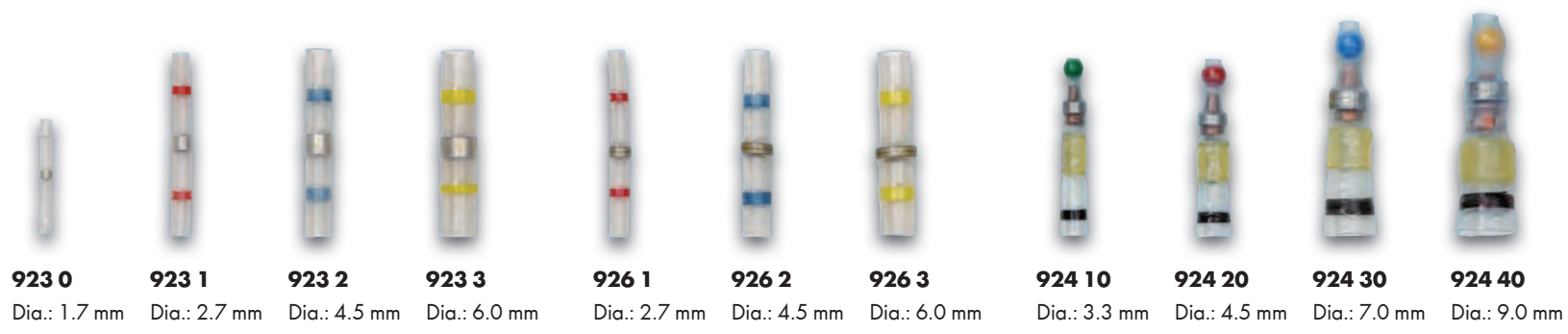
RoHS-compliant

RoHS-compliant

**Product ranges**  
 Art. No. 0964 555 2

Art. No. 0964 555 24

Art. No. 0964 555 25



**9230** **9231** **9232** **9233** **9261** **9262** **9263** **92410** **92420** **92430** **92440**  
 Dia.: 1.7 mm Dia.: 2.7 mm Dia.: 4.5 mm Dia.: 6.0 mm Dia.: 2.7 mm Dia.: 4.5 mm Dia.: 6.0 mm Dia.: 3.3 mm Dia.: 4.5 mm Dia.: 7.0 mm Dia.: 9.0 mm



**Crimp Cable Lugs** (Note: Range also includes other sizes)

Art. No. 0967 ...  
 0.5 - 1.0 mm<sup>2</sup>

1.5 - 2.5 mm<sup>2</sup>

4.0 - 6.0 mm<sup>2</sup>

10.0 mm<sup>2</sup>



**6013** **6014** **6015** **6016** **6024** **6025** **6026** **6028** **6064** **6065** **6066** **6068** **60610** **6105** **6106** **6108** **61010**  
 M3 M4 M5 M6 M4 M5 M6 M8 M4 M5 M6 M8 M10 M5 M6 M8 M10

**Wire-End Ferrules, DIN 46228 Part 1**

Art. No. 0557 ...

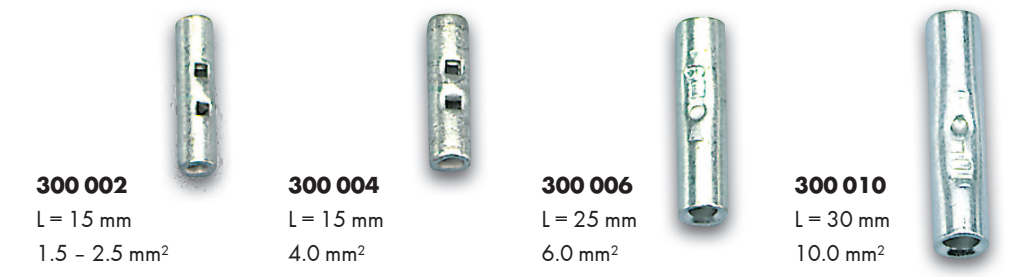


**184 189** **184 177** **185 250** **175 916** **184 127** **175 928** **184 115** **184 206** **184 191** **184 103** **184 218**  
 L = 6 mm L = 6 mm L = 10 mm L = 6 mm L = 10 mm L = 7 mm L = 10 mm L = 12 mm L = 7 mm L = 12 mm L = 9 mm  
 0.5 mm<sup>2</sup> 0.75 mm<sup>2</sup> 0.75 mm<sup>2</sup> 1.0 mm<sup>2</sup> 1.0 mm<sup>2</sup> 1.5 mm<sup>2</sup> 1.5 mm<sup>2</sup> 1.5 mm<sup>2</sup> 2.5 mm<sup>2</sup> 2.5 mm<sup>2</sup> 4.0 mm<sup>2</sup>

**184 098** **184 086** **184 983** **184 074** **184 995** **184 062** **184 050** **184 048** **184 036** **184 012** **184 040**  
 L = 12 mm L = 10 mm L = 12 mm L = 15 mm L = 18 mm L = 12 mm L = 15 mm L = 18 mm L = 12 mm L = 18 mm L = 18 mm  
 4.0 mm<sup>2</sup> 6.0 mm<sup>2</sup> 6.0 mm<sup>2</sup> 6.0 mm<sup>2</sup> 6.0 mm<sup>2</sup> 10.0 mm<sup>2</sup> 10.0 mm<sup>2</sup> 10.0 mm<sup>2</sup> 16.0 mm<sup>2</sup> 16.0 mm<sup>2</sup> 25.0 mm<sup>2</sup>

**Connection Receptacles** (Note: Range also includes other sizes)

Art. No. 0967 ...



**300 002** **300 004** **300 006** **300 010**  
 L = 15 mm L = 15 mm L = 25 mm L = 30 mm  
 1.5 - 2.5 mm<sup>2</sup> 4.0 mm<sup>2</sup> 6.0 mm<sup>2</sup> 10.0 mm<sup>2</sup>

**Crimping Tool** for crimp cable lugs and connection receptacles



Art. No. 0714 107 106



## Wire-End Ferrules, DIN 46228 Part 4

Art. No. 0557 ...



## Crimping Tools for wire-end ferrules

Art. No. 0714 107 102



Art.No. 0714 107 100



## Push-On Strips/Branches

Art. No. 0555 ...

Plugging width: 6.3 mm



**11**

54 x 21 mm



**12**

50 x 20.5 mm



**2**

152 x 25.8 mm

**4**

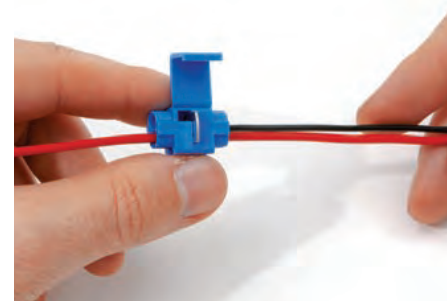
144 x 48 mm

## Fix Cable Connectors – Non-detachable

Art. No. 0555 ...

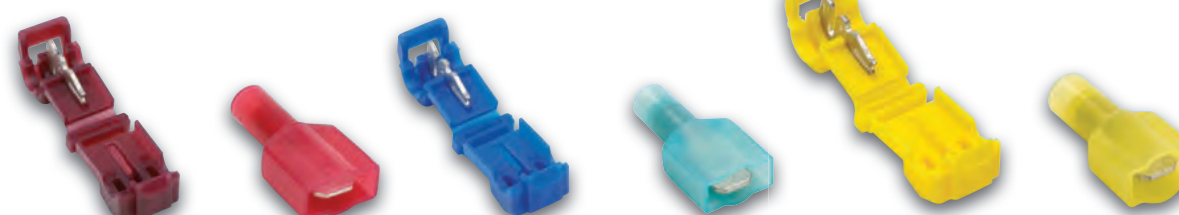


<b>557</b> 0.5 – 1.5 mm <sup>2</sup>	<b>564</b> 1.0 – 2.5 mm <sup>2</sup>	<b>562</b> 4.0 – 6.0 mm <sup>2</sup>	<b>562 1</b> 1.5 – 4.0 mm <sup>2</sup>	<b>564 1</b> 0.75 – 2.5 mm <sup>2</sup>
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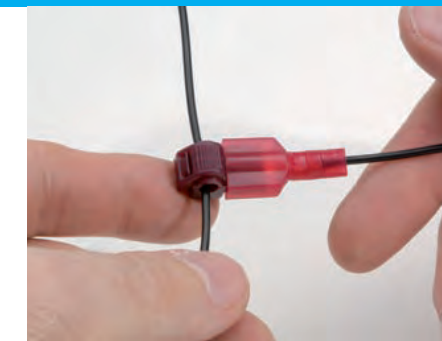


## Fix Cable Connectors – Detachable

Art. No. 0555 ...



<b>951</b> 0.5 – 0.75 mm <sup>2</sup>	<b>951 1</b> 0.5 – 1.5 mm <sup>2</sup>	<b>952</b> 0.75 – 2.5 mm <sup>2</sup>	<b>952 1</b> 1.5 – 2.5 mm <sup>2</sup>	<b>953</b> 4.0 mm <sup>2</sup>	<b>953 1</b> 4.0 – 6.0 mm <sup>2</sup>
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## Cable Straps with plastic lug (Note: Range also includes other types)

Art. No. 0502 ...

<b>111</b> 2.5 x 100 mm	<b>121</b> 3.6 x 140 mm	<b>131</b> 3.5 x 200 mm	<b>135 1</b> 3.6 x 280 mm	<b>141</b> 4.8 x 178 mm	<b>151</b> 4.8 x 280 mm	<b>161</b> 4.8 x 360 mm
<b>171</b> 7.8 x 180 mm	<b>181</b> 7.8 x 360 mm	<b>190 1</b> 7.8 x 540 mm	<b>181 3</b> 7.8 x 750 mm	<b>201 1</b> 12.5 x 720 mm	<b>202 2</b> 12.5 x 1,000 mm	



## Cable Straps with metal lug

Art. No. 0502 ...



<b>211</b> 2.5 x 100 mm	<b>221</b> 3.5 x 140 mm	<b>231</b> 4.5 x 186 mm
<b>241</b> 4.5 x 290 mm	<b>241 0</b> 4.5 x 360 mm	<b>251 0</b> 7.6 x 360 mm

## Thin-Walled Heat-Shrink Hoses (Note: Range also includes other sizes/colors/types)

Art. No. 0771 ...

<b>Reel for ORSY 10:</b>	<b>801 2</b>	<b>801 6</b>	<b>802 4</b>	<b>803 2</b>	<b>804 8</b>	<b>806 4</b>	<b>809 5</b>	<b>812 7</b>	<b>819 0</b>	<b>825 4</b>	<b>838 1</b>	<b>850 8</b>
<b>Dispenser Carton:</b>	–	<b>750 001</b>	<b>750 002</b>	<b>750 003</b>	<b>750 004</b>	<b>750 005</b>	<b>750 006</b>	<b>750 007</b>	<b>750 008</b>	<b>750 009</b>	–	–
	1.2/0.6 mm	1.6/0.8 mm	2.4/1.2 mm	3.2/1.6 mm	4.8/2.4 mm	6.4/3.2 mm	9.5/4.8 mm	12.7/6.4 mm	19.0/9.5 mm	25.4/12.7 mm	38.1/19.0 mm	51.0/25.4 mm



## PVC Insulating Hoses according to EN 60684

Art. No. 0771 ...

<b>3</b> Dia.: 3.0 mm	<b>4</b> Dia.: 4.0 mm	<b>5</b> Dia.: 5.0 mm	<b>6</b> Dia.: 6.0 mm	<b>8</b> Dia.: 8.0 mm	<b>10</b> Dia.: 10.0 mm
<b>12</b> Dia.: 12.0 mm	<b>14</b> Dia.: 14.0 mm	<b>16</b> Dia.: 16.0 mm	<b>18</b> Dia.: 18.0 mm	<b>20</b> Dia.: 20.0 mm	



## Tight Woven Heat-Shrink Hoses

Art. No. 0771 ...

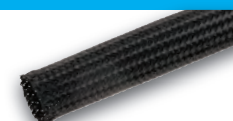
<b>550 012</b> 6.0 – 12.0 mm	<b>560 025</b> 12.0 – 25.0 mm	<b>570 030</b> 15.0 – 30.0 mm
<b>590 050</b> 25.0 – 50.0 mm	<b>610 070</b> 35.0 – 70.0 mm	



## Braided Hoses

Art. No. 0771 ...

<b>500 030</b> 4.0 – 10.0 mm	<b>490 012</b> 10.0 – 14.0 mm	<b>480 016</b> 14.0 – 24.0 mm
<b>470 020</b> 18.0 – 26.0 mm	<b>460 030</b> 26.0 – 36.0 mm	<b>450 040</b> 32.0 – 44.0 mm





## Wound Hoses

(Note: Range also includes other sizes/types)

Art. No. 0771 00 ...



<b>40</b>	<b>80</b>	<b>90</b>
4.0 - 20.0 mm	12.0 - 50.0 mm	20.0 - 120.0 mm

## Insulating Corrugated Tubing

(Note: Range includes various accessories)

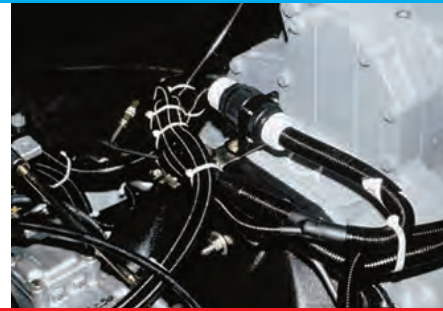
Art. No. 0771 990 ...



<b>04</b>	<b>08</b>	<b>10</b>	<b>13</b>	<b>17</b>	<b>22</b>	<b>32</b>	<b>004</b>	<b>008</b>	<b>010</b>	<b>013</b>	<b>017</b>	<b>022</b>
Nom. width: 4.5	Nom. width: 8.5	Nom. width: 10	Nom. width: 13	Nom. width: 17	Nom. width: 22	Nom. width: 32	Nom. width: 4.5	Nom. width: 8.5	Nom. width: 10	Nom. width: 13	Nom. width: 17	Nom. width: 22

Version: Slotted

Art. No. 0771 990 ...



## Polyester Adhesive Tapes for cable harnesses

Fabric Adhesive Tape

Art. No. 0771 100 119

Temperature resistance: -40° to +150°C  
Material thickness: 0.27 mm



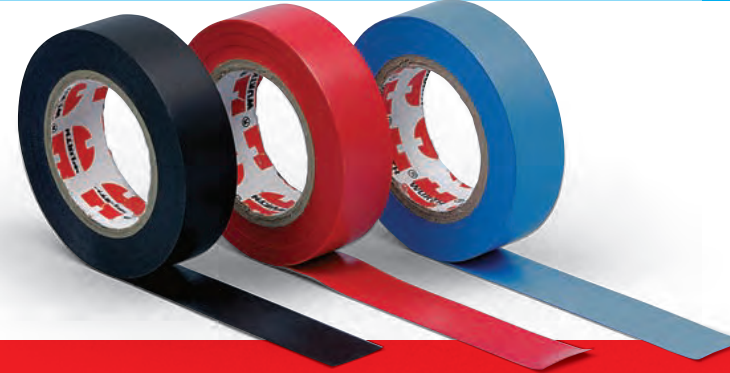
Fleece Adhesive Tape

Art.No. 0771 100 219

Temperature resistance: -40° to +105°C  
Material thickness: 0.50 mm

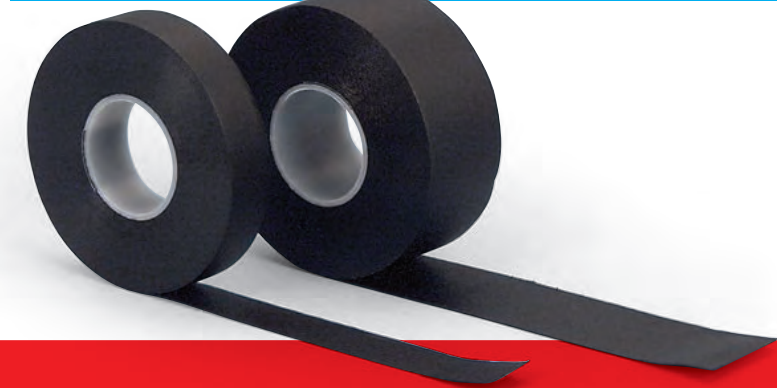
## Plastic Insulating Tapes

Art. No. 0985 ...



## Self-Sealing Heat-Shrink Tape

Art. No. 0985 077 ...



## Fuses (Note: Range also includes other types)

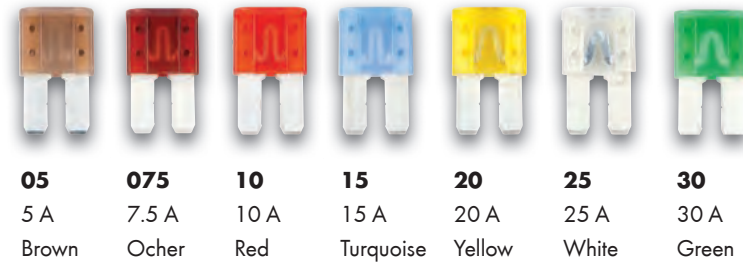
Product ranges

Art. No. 0964 731



MICRO 2 Silver Blade Fuses

Art. No. 0731 313 ...



<b>05</b>	<b>075</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>
5 A	7.5 A	10 A	15 A	20 A	25 A	30 A
Brown	Ocher	Red	Turquoise	Yellow	White	Green

MICRO 3 Silver Blade Fuses

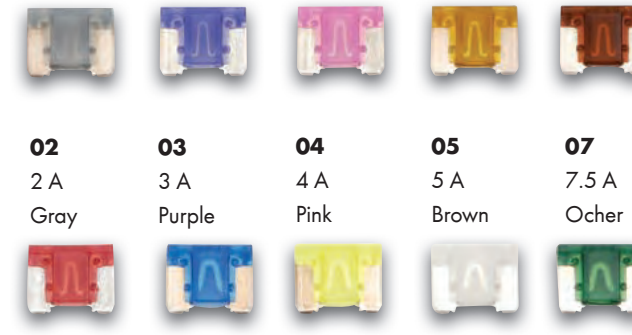
Art. No. 0731 315 ...



<b>05</b>	<b>075</b>	<b>10</b>	<b>15</b>
5 A	7.5 A	10 A	15 A
Brown	Ocher	Red	Turquoise

MINI-FLP Silver Blade Fuses

Art. No. 0731 302 ...



<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>07</b>	<b>02</b>	<b>03</b>	<b>04</b>	<b>05</b>	<b>07</b>
2 A	3 A	4 A	5 A	7.5 A	2 A	3 A	4 A	5 A	7.5 A
Gray	Purple	Pink	Brown	Ocher	Gray	Purple	Pink	Brown	Ocher

<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>10</b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>
10 A	15 A	20 A	25 A	30 A	10 A	15 A	20 A	25 A	30 A
Red	Turquoise	Yellow	White	Green	Red	Turquoise	Yellow	White	Green

Product ranges

Art. No. 0964 731 1



ATO Blade Fuses, tin- or silver-plated

Art. No. 0731 ...



<b>Tin-plated</b>	<b>001</b>	<b>002</b>	<b>003</b>	<b>004</b>	<b>005</b>	<b>007</b>	<b>010</b>	<b>015</b>	<b>020</b>	<b>025</b>	<b>030</b>	<b>035</b>	<b>040</b>
<b>Silver-plated</b>	<b>314 01</b>	<b>314 02</b>	<b>314 03</b>	<b>314 04</b>	<b>314 05</b>	<b>314 075</b>	<b>314 10</b>	<b>314 15</b>	<b>314 20</b>	<b>314 25</b>	<b>314 30</b>	<b>314 35</b>	<b>314 40</b>
	1 A	2 A	3 A	4 A	5 A	7.5 A	10 A	15 A	20 A	25 A	30 A	35 A	40 A
	Black	Gray	Purple	Pink	Brown	Ocher	Red	Turquoise	Yellow	White	Green	Blue	Orange

MAXI Silver Blade Fuses

Art. No. 0731 301 ...



<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>
20 A	30 A	40 A	50 A	60 A	70 A	80 A
Yellow	Green	Orange	Red	Blue	Brown	White

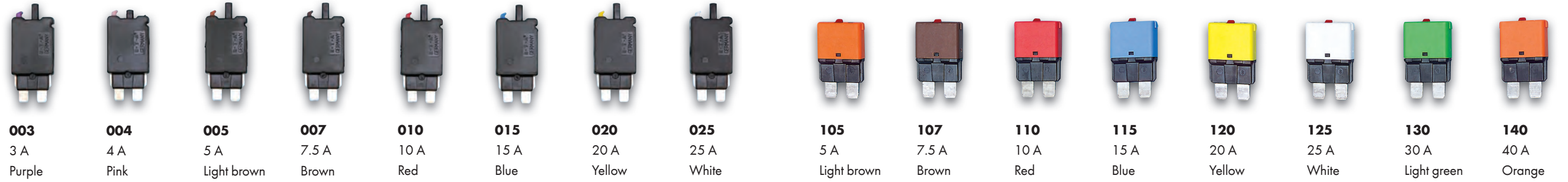
ATO Resetable Fuses (for diagnostics and permanent installation)

Art. No. 0731 100 ...

ATO Resetable Fuses (for permanent installation)

Art. No. 0731 100 ...





**MINI Resettable Fuses (for diagnostics and permanent installation)**

Art. No. 0731 100...

**MINI Resettable Fuses (for permanent installation)**

Art. No. 0731 100...



**Fuse Holders (Note: Range also includes other types)**

**MINI Blade Fuse Holders**

Art. No. 0555 ...

**ATO Blade Fuse Holders**

Art. No. 0555 ...



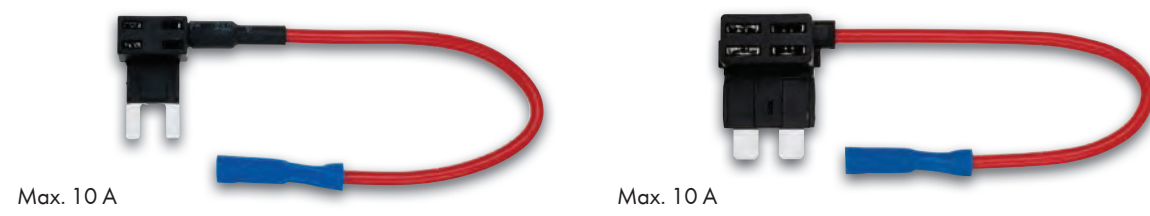
**Blade Fuse Holders for the connection of additional consumers**

**MINI**

Art. No. 0555 970 001

**ATO**

Art.No. 0555 970 002



**Fuse Holders with bayonet catch**

**For glass fuses**

Art. No. 0555 ...

**For ceramic melting-strip fuses**

Art. No. 0555 ...



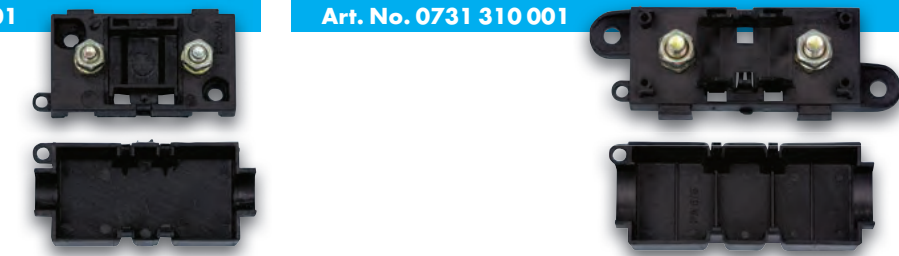
**MIDI Fuse Holders**

**Holders**

Art. No. 0731 309 001

**MEGA**

Art. No. 0731 310 001



**Cable Sleeve Product Ranges (All product range articles also available individually)**

Art. No. 0964 561 6

Art.No. 0964 561 61

**Vehicle Body Sealing Plug Product Ranges (All product range articles also available individually)**

Art. No. 0964 561 1

Art.No. 0964 561 11

