

## Technical characteristics

Contact resistance	≤1 mΩ
Material (contacts)	Copper alloy
Material (accessories)	Thermoplastic
RoHS	compliant with exemption

## Specifications and approvals

EN 60664-1  
IEC 61984

## Details


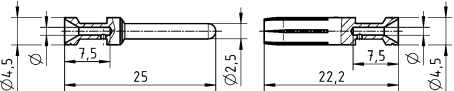

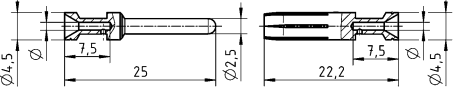
**Crimping tools** see chapter Han 90

### Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

### Coding pin

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.

Identification	Conductor cross-section (mm <sup>2</sup> )	Part number		Drawing (dimensions in mm)																		
		Male	Female																			
Han E®, Crimp contact, Contact surface: Silver plated  	0.14 ... 0.37	09 33 000 6127	09 33 000 6227	 <table border="1"> <thead> <tr> <th>Conductor cross-section</th> <th>Identification</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm<sup>2</sup> AWG 26-22</td> <td>no groove</td> </tr> <tr> <td>0.5 mm<sup>2</sup> AWG 20</td> <td>no groove</td> </tr> <tr> <td>0.75 mm<sup>2</sup> AWG 18</td> <td>1 groove*</td> </tr> <tr> <td>1 mm<sup>2</sup> AWG 18</td> <td>1 groove</td> </tr> <tr> <td>1.5 mm<sup>2</sup> AWG 16</td> <td>2 groove</td> </tr> <tr> <td>2.5 mm<sup>2</sup> AWG 14</td> <td>3 groove</td> </tr> <tr> <td>3 mm<sup>2</sup> AWG 12</td> <td>wide groove</td> </tr> <tr> <td>4 mm<sup>2</sup> AWG 12</td> <td>no groove</td> </tr> </tbody> </table> <p>* on the back crimp collar</p> <p>Stripping length 7.5 mm</p>	Conductor cross-section	Identification	0.14-0.37 mm <sup>2</sup> AWG 26-22	no groove	0.5 mm <sup>2</sup> AWG 20	no groove	0.75 mm <sup>2</sup> AWG 18	1 groove*	1 mm <sup>2</sup> AWG 18	1 groove	1.5 mm <sup>2</sup> AWG 16	2 groove	2.5 mm <sup>2</sup> AWG 14	3 groove	3 mm <sup>2</sup> AWG 12	wide groove	4 mm <sup>2</sup> AWG 12	no groove
	Conductor cross-section	Identification																				
	0.14-0.37 mm <sup>2</sup> AWG 26-22	no groove																				
	0.5 mm <sup>2</sup> AWG 20	no groove																				
	0.75 mm <sup>2</sup> AWG 18	1 groove*																				
	1 mm <sup>2</sup> AWG 18	1 groove																				
	1.5 mm <sup>2</sup> AWG 16	2 groove																				
	2.5 mm <sup>2</sup> AWG 14	3 groove																				
	3 mm <sup>2</sup> AWG 12	wide groove																				
	4 mm <sup>2</sup> AWG 12	no groove																				
0.5	09 33 000 6121	09 33 000 6220																				
0.75	09 33 000 6114	09 33 000 6214																				
1	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																				
Han E®, Crimp contact, Contact surface: Gold plated  	0.14 ... 0.37	09 33 000 6117	09 33 000 6217	 <table border="1"> <thead> <tr> <th>Conductor cross-section</th> <th>Identification</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm<sup>2</sup> AWG 26-22</td> <td>no groove</td> </tr> <tr> <td>0.5 mm<sup>2</sup> AWG 20</td> <td>no groove</td> </tr> <tr> <td>0.75 mm<sup>2</sup> AWG 18</td> <td>1 groove*</td> </tr> <tr> <td>1 mm<sup>2</sup> AWG 18</td> <td>1 groove</td> </tr> <tr> <td>1.5 mm<sup>2</sup> AWG 16</td> <td>2 groove</td> </tr> <tr> <td>2.5 mm<sup>2</sup> AWG 14</td> <td>3 groove</td> </tr> <tr> <td>3 mm<sup>2</sup> AWG 12</td> <td>wide groove</td> </tr> <tr> <td>4 mm<sup>2</sup> AWG 12</td> <td>no groove</td> </tr> </tbody> </table> <p>* on the back crimp collar</p> <p>Stripping length 7.5 mm</p>	Conductor cross-section	Identification	0.14-0.37 mm <sup>2</sup> AWG 26-22	no groove	0.5 mm <sup>2</sup> AWG 20	no groove	0.75 mm <sup>2</sup> AWG 18	1 groove*	1 mm <sup>2</sup> AWG 18	1 groove	1.5 mm <sup>2</sup> AWG 16	2 groove	2.5 mm <sup>2</sup> AWG 14	3 groove	3 mm <sup>2</sup> AWG 12	wide groove	4 mm <sup>2</sup> AWG 12	no groove
	Conductor cross-section	Identification																				
	0.14-0.37 mm <sup>2</sup> AWG 26-22	no groove																				
	0.5 mm <sup>2</sup> AWG 20	no groove																				
	0.75 mm <sup>2</sup> AWG 18	1 groove*																				
	1 mm <sup>2</sup> AWG 18	1 groove																				
	1.5 mm <sup>2</sup> AWG 16	2 groove																				
	2.5 mm <sup>2</sup> AWG 14	3 groove																				
	3 mm <sup>2</sup> AWG 12	wide groove																				
	4 mm <sup>2</sup> AWG 12	no groove																				
0.5	09 33 000 6122	09 33 000 6222																				
0.75	09 33 000 6115	09 33 000 6215																				
1	09 33 000 6118	09 33 000 6218																				
1.5	09 33 000 6116	09 33 000 6216																				
2.5	09 33 000 6123	09 33 000 6223																				
4	09 33 000 6119	09 33 000 6221																				