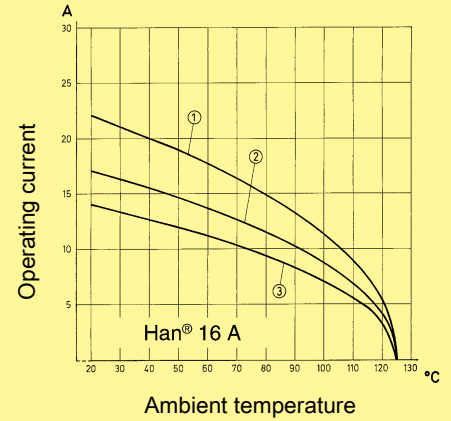
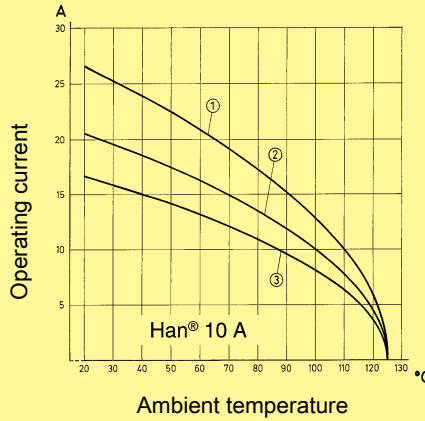
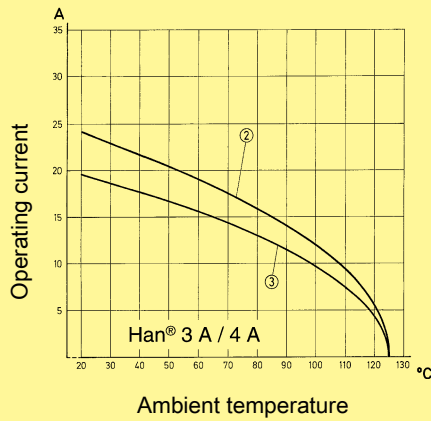




Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

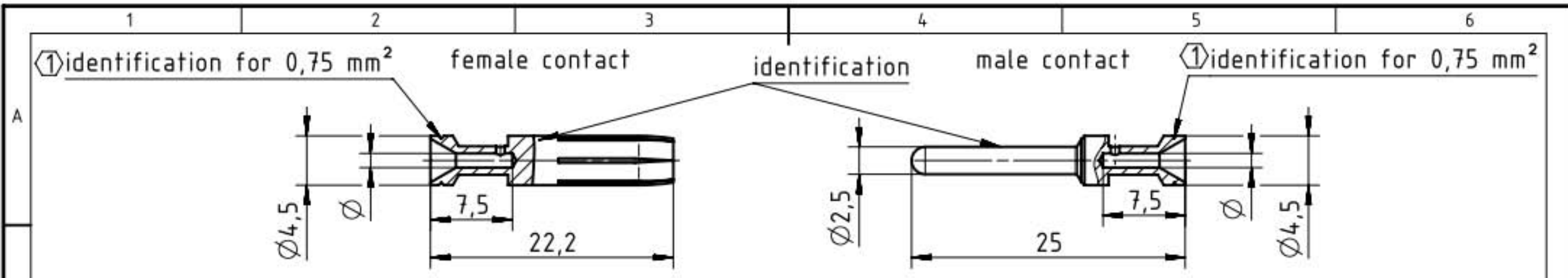
Measuring and testing techniques according to DIN EN 60 512-5-2



- ① Wire gauge 2.5 mm²
- ② Wire gauge 1.5 mm²
- ③ Wire gauge 1.0 mm²



Identification	Wire gauge (mm ²)	Part number		Drawing	Dimensions in mm																											
		Male contact	Female contact																													
Crimp contacts																																
silver plated	0,14-0,37	09 33 000 6127	09 33 000 6227		<table border="1"> <thead> <tr> <th>Identifica-tion</th> <th>Wire gauge</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>no groove</td> <td>0,14-0,37 mm²</td> <td>AWG 26-22</td> </tr> <tr> <td>no groove</td> <td>0,5 mm²</td> <td>AWG 20</td> </tr> <tr> <td>1 groove*</td> <td>0,75 mm²</td> <td>AWG 18</td> </tr> <tr> <td>1 groove</td> <td>1 mm²</td> <td>AWG 18</td> </tr> <tr> <td>2 grooves</td> <td>1,5 mm²</td> <td>AWG 16</td> </tr> <tr> <td>3 grooves</td> <td>2,5 mm²</td> <td>AWG 14</td> </tr> <tr> <td>wide groove</td> <td>3 mm²</td> <td>AWG 12</td> </tr> <tr> <td>no groove</td> <td>4 mm²</td> <td>AWG 12</td> </tr> </tbody> </table>	Identifica-tion	Wire gauge	Stripping length	no groove	0,14-0,37 mm ²	AWG 26-22	no groove	0,5 mm ²	AWG 20	1 groove*	0,75 mm ²	AWG 18	1 groove	1 mm ²	AWG 18	2 grooves	1,5 mm ²	AWG 16	3 grooves	2,5 mm ²	AWG 14	wide groove	3 mm ²	AWG 12	no groove	4 mm ²	AWG 12
	Identifica-tion	Wire gauge	Stripping length																													
	no groove	0,14-0,37 mm ²	AWG 26-22																													
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	3 grooves	2,5 mm ²	AWG 14																													
wide groove	3 mm ²	AWG 12																														
no groove	4 mm ²	AWG 12																														
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																														
gold plated	0,14-0,37	09 33 000 6117	09 33 000 6217	<p>* on the back crimp collar</p>																												
	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																													
	3	09 33 000 6106	09 33 000 6206																													
	4	09 33 000 6119	09 33 000 6221																													

Han A



	part. no.		\varnothing	wire gauge		stripping length	identification	
	silverplated	goldplated		mm ²	AWG			
male contact	09 33 000 6127	09 33 000 6117	0,90	0,14-0,37	26-22	7,5	no groove	1)
	09 33 000 6121	09 33 000 6122	1,15	0,5	20		no groove	
	09 33 000 6114	09 33 000 6115	1,3	0,75	18		1 groove $\langle 1 \rangle$	
	09 33 000 6105	09 33 000 6118	1,45	1	18		1 groove	
	09 33 000 6104	09 33 000 6116	1,75	1,5	16		2 grooves	
	09 33 000 6102	09 33 000 6123	2,25	2,5	14		3 grooves	
	09 33 000 6106		2,55	3	12		1 wide groove	
	09 33 000 6107	09 33 000 6119	2,85	4	12		no groove	
female contact	09 33 000 6227	09 33 000 6217	0,90	0,14-0,37	26-22	7,5	no groove	1)
	09 33 000 6220	09 33 000 6222	1,15	0,5	20		no groove	
	09 33 000 6214	09 33 000 6215	1,3	0,75	18		1 groove $\langle 1 \rangle$	
	09 33 000 6205	09 33 000 6218	1,45	1	18		1 groove	
	09 33 000 6204	09 33 000 6216	1,75	1,5	16		2 grooves	
	09 33 000 6202	09 33 000 6223	2,25	2,5	14		3 grooves	
	09 33 000 6206		2,55	3	12		1 wide groove	
	09 33 000 6207	09 33 000 6221	2,85	4	12		no groove	

1) only for Buchanan crimping tool adjusting $\varnothing 1,0$

		 All Dimensions in mm Original Size DIN A4		Scale 2:1		Free size tol.		Ref.	
		 All rights reserved Department EL PD - DE		Created by SCHULZI		Inspected by MOOR		Standardisation TIEMANNA	
		HARTING Electric GmbH & Co. KG		Title Han E contacts male/female				Date 2014-10-23	
part. no.		D-32339 Espelkamp		Type TB		Number 09 33 000 6XXX		State Final Release	
								Doc-Key / ECM-Nr. 100089025/UGD/005/A 500000081115	
								Rev. A	
								Page 1/1	