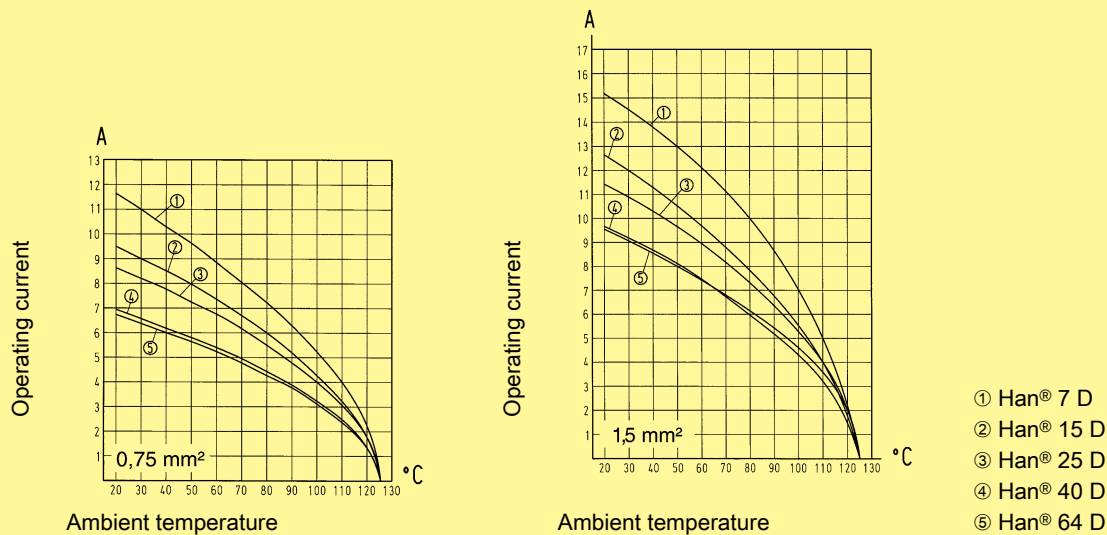


Current carrying capacity

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



Identification	Wire gauge (mm²)	Male contact	Female contact	Drawing	Dimensions in mm																												
Crimp contacts																																	
silver plated	0.14-0.37 0.5 0.75 1 1.5 2.5	09 15 000 6104 09 15 000 6103 09 15 000 6105 09 15 000 6102 09 15 000 6101 09 15 000 6106	09 15 000 6204 09 15 000 6203 09 15 000 6205 09 15 000 6202 09 15 000 6201 09 15 000 6206		<table><tr><th colspan="2">Wire gauge</th><th>D</th><th>Stripping length</th></tr><tr><td>0.14-0.37 mm²</td><td>AWG 26-22</td><td>0.9 mm</td><td>8 mm</td></tr><tr><td>0.5 mm²</td><td>AWG 20</td><td>1.1 mm</td><td>8 mm</td></tr><tr><td>0.75 mm²</td><td>AWG 18</td><td>1.3 mm</td><td>8 mm</td></tr><tr><td>1 mm²</td><td>AWG 18</td><td>1.45 mm</td><td>8 mm</td></tr><tr><td>1.5 mm²</td><td>AWG 16</td><td>1.75 mm</td><td>8 mm</td></tr><tr><td>2.5 mm²</td><td>AWG 14</td><td>2.25 mm</td><td>6 mm</td></tr></table>	Wire gauge		D	Stripping length	0.14-0.37 mm²	AWG 26-22	0.9 mm	8 mm	0.5 mm²	AWG 20	1.1 mm	8 mm	0.75 mm²	AWG 18	1.3 mm	8 mm	1 mm²	AWG 18	1.45 mm	8 mm	1.5 mm²	AWG 16	1.75 mm	8 mm	2.5 mm²	AWG 14	2.25 mm	6 mm
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gold plated	0.14-0.37 0.5 0.75 1 1.5 2.5	09 15 000 6124 09 15 000 6123 09 15 000 6125 09 15 000 6122 09 15 000 6121 09 15 000 6126	09 15 000 6224 09 15 000 6223 09 15 000 6225 09 15 000 6222 09 15 000 6221 09 15 000 6226																														
F.O. contacts																																	
for 1 mm plastic fibre		20 10 001 3212 20 10 001 3213	20 10 001 3222 20 10 001 3222		<table><tr><th>Part number</th><th>Series</th></tr><tr><td>20 10 001 3212</td><td>Han® 7 D, Han® 8 D, Han® 40 D, Han® 64 D, Han® 80 D, Han® 128 D</td></tr><tr><td>20 10 001 3213</td><td>Han® 15 D, Han® 25 D, Han® 50 D</td></tr><tr><td>20 10 001 3222</td><td>Han® 7 D, Han® 8 D, Han® 15 D, Han® 25 D, Han® 50 D, Han® 40 D, Han® 64 D, Han® 80 D, Han® 128 D</td></tr></table>	Part number	Series	20 10 001 3212	Han® 7 D, Han® 8 D, Han® 40 D, Han® 64 D, Han® 80 D, Han® 128 D	20 10 001 3213	Han® 15 D, Han® 25 D, Han® 50 D	20 10 001 3222	Han® 7 D, Han® 8 D, Han® 15 D, Han® 25 D, Han® 50 D, Han® 40 D, Han® 64 D, Han® 80 D, Han® 128 D																				
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Stock items in bold type