

Number of contacts

12 +



Inserts

Identification	Part Number		Dimensions in mm
	Male insert	Female insert	
Han® Q 12/0 	09 12 012 3001		
		09 12 012 3101	
Coding pins order separately 1 unit à 20 pieces 	09 12 000 9924	09 12 000 9924	

Identification	Wire gauge mm ²	Part Number		Dimensions in mm																												
		Male contacts	Female contacts																													
Han D® crimp contacts silver plated 	0.14-0.37	09 15 000 6104	09 15 000 6204																													
	0.5	09 15 000 6103	09 15 000 6203																													
	0.75	09 15 000 6105	09 15 000 6205																													
	1.0	09 15 000 6102	09 15 000 6202																													
	1.5	09 15 000 6101	09 15 000 6201																													
	2.5	09 15 000 6106	09 15 000 6206																													
gold plated 	0.14-0.37	09 15 000 6124	09 15 000 6224	<table border="1"> <thead> <tr> <th colspan="2">Wire gauge</th> <th>∅</th> <th>Stripping length</th> </tr> </thead> <tbody> <tr> <td>0.14-0.37 mm²</td> <td>AWG 26-22</td> <td>0.90 mm</td> <td>8 mm</td> </tr> <tr> <td>0.5 mm²</td> <td>AWG 20</td> <td>1.10 mm</td> <td>8 mm</td> </tr> <tr> <td>0.75 mm²</td> <td>AWG 18</td> <td>1.30 mm</td> <td>8 mm</td> </tr> <tr> <td>1.0 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> </tbody> </table>	Wire gauge		∅	Stripping length	0.14-0.37 mm ²	AWG 26-22	0.90 mm	8 mm	0.5 mm ²	AWG 20	1.10 mm	8 mm	0.75 mm ²	AWG 18	1.30 mm	8 mm	1.0 mm ²	AWG 18	1.45 mm	8 mm	1.5 mm ²	AWG 16	1.75 mm	8 mm	2.5 mm ²	AWG 14	2.25 mm	6 mm
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	0.5	09 15 000 6123	09 15 000 6223																													
	0.75	09 15 000 6125	09 15 000 6225																													
	1.0	09 15 000 6122	09 15 000 6222																													
	1.5	09 15 000 6121	09 15 000 6221																													
	2.5	09 15 000 6126	09 15 000 6226																													

Features

- 12 contact chambers taking the control contacts of the series Han D® with crimp termination
- 1 PE contact with innovative Han-Quick Lock® termination technology
- 2 coding pins
- Insert suitable for metal and plastic hoods and housings of the series Han® 3 A

Technical characteristics

Specifications	DIN VDE 0627 DIN VDE 0110 DIN EN 61 984
Inserts	
Number of contacts	12 + PE
Electrical data acc. to DIN EN 61 984	10 A 400 V 6 kV 3
Rated current	10 A
Rated voltage	400 V
Rated impulse voltage	4 kV
Pollution degree	3
Pollution degree 2 also	10 A 400/690 V 6 kV 2
Termination Han D® contacts	Crimp
Termination PE contact	Han-Quick Lock®
Wire gauge PE contact	0.5 – 2.5 mm ² AWG 20 – 14
Insulation resistance	≥ 10 ¹⁰ Ω
Material	Polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles
Contacts	
Material	Copper alloy
Surface	
- hard silver plated	3 μm Ag
- hard gold plated	2 μm Au over 3 μm Ni
Contact resistance	≤ 3 mΩ
Crimp termination	
- mm ²	0.14 – 2.5 mm ²
- AWG	26 – 14
Maximum insulation cross section	
- power contacts	∅ = 5 mm
Plastic hoods/ housings	
Material	Polycarbonate
Locking element	Polyamide
Flammability acc. to UL 94	V 0
Hoods/ housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 in locked position	IP 67
Metal hoods/ housings	
Material	Die cast zinc alloy
Locking element	Steel galvanized
Hoods/ housings seal	NBR
Limiting temperatures	-40 °C ... +125 °C
Degree of protection acc. to DIN EN 60 529 in locked position	IP 44 IP 67 with sealing screw 09 20 000 9918