


Number of contacts

12+ 



Inserts

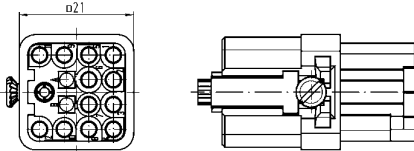
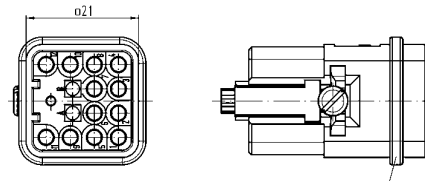
Identification	Part Number		Dimensions in mm
	Male insert	Female insert	

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 <sup>2</sup>	Part Number		Dimensions in mm
		Male contacts	Female contacts	

Han D® crimp contacts

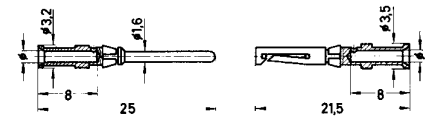
silver plated



0.14-0.37  
0.5  
0.75  
1.0  
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



gold plated



0.14-0.37  
0.5  
0.75  
1.0  
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

Wire gauge		∅	Stripping length
0.14-0.37 mm <sup>2</sup>	AWG 26-22	0.90 mm	8 mm
0.5 mm <sup>2</sup>	AWG 20	1.10 mm	8 mm
0.75 mm <sup>2</sup>	AWG 18	1.30 mm	8 mm
1.0 mm <sup>2</sup>	AWG 18	1.45 mm	8 mm
1.5 mm <sup>2</sup>	AWG 16	1.75 mm	8 mm
2.5 mm <sup>2</sup>	AWG 14	2.25 mm	6 mm

## 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

<b>Specifications</b>	DIN VDE 0627 DIN VDE 0110 DIN EN 61 984
<b>Inserts</b>	
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 <sup>2</sup> AWG 20 – 14
Insulation resistance	≥ 10 <sup>10</sup> Ω
Material	Polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles
<b>Contacts</b>	
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 <sup>2</sup>	0.14 – 2.5 mm <sup>2</sup>
- AWG	26 – 14
Maximum insulation cross section	
- power contacts	ø = 5 mm
<b>Plastic hoods/ housings</b>	
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
<b>Metal hoods/ housings</b>	
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