



## Connector for compensating wires

Identification	Series	Part No.		Contact arrangement View: termination side	Dimensions in mm
		Male inserts	Female inserts		
<b>Screw termination*</b> With wire protection	Han <sup>®</sup> E				
	10	09 33 010 2691	09 33 010 2791		
	16	09 33 016 2691	09 33 016 2791		
	24	09 33 024 2691	09 33 024 2791		
<b>Crimp termination*</b> Order contacts separately	Han <sup>®</sup> E				
	6	09 33 006 2602	09 33 006 2702		
	10	09 33 010 2602	09 33 010 2702		
	16	09 33 016 2602	09 33 016 2702		
<b>Crimp termination*</b> Order contacts separately	Han <sup>®</sup> EE				
	10	09 32 010 3001	09 32 010 3101		
	18	09 32 018 3001	09 32 018 3101		
	46	09 32 046 3001	09 32 046 3101		
<b>Crimp termination*</b> Order contacts separately	Han <sup>®</sup> Q 5/0				
	5	09 12 005 3001	09 12 005 3101		
<b>Crimp termination*</b> Order contacts separately	Han <sup>®</sup> A				
	10	09 20 010 3001	09 20 010 3101		
16	09 20 016 3001	09 20 016 3101			
Identification	Wire gauge mm <sup>2</sup>	Male inserts	Female inserts	Drawing	Dimensions in mm
<b>Crimp contacts</b>  Constantan  Iron gold plated	0.5	09 33 000 6162	09 33 000 6262		
	0.5	09 33 000 6172	09 33 000 6272		

\* For insert dimensions see 'Han Industrial Connectors' Catalogue

## Technical Details

## Features

Specifications	DIN VDE 0627 DIN VDE 0110
<b>Inserts</b>	
Working current	16 A max.
Working voltage	
- Han <sup>®</sup> E	400 V
- Han <sup>®</sup> EE	500 V
- Han <sup>®</sup> Q 5/0	230/400 V
- Han <sup>®</sup> A	250 V
Degree of pollution	3 (C)
Insulation resistance	≥ 10 <sup>10</sup> Ω
Material	Polycarbonate
Ambient temperature	- 40° ... + 125°C
Flammability acc. to UL 94	V 0
Mechanical working life	
- Mating cycles	≥ 500
<b>Contacts</b>	
Material	Iron, Fe
Identification acc. to DIN IEC 584	Type J
Surface	Gold plated
Contact resistance	≤ 1 mΩ
Crimp termination	0.5 mm <sup>2</sup> (AWG 20)
Screw termination	2.5 mm <sup>2</sup> (AWG 14)
- Starting/testing torque	0.5 Nm
Material	Constantan, CuNi
Identification acc. to DIN IEC 584	Type J
Surface	Uncoated
Contact resistance	≤ 1 mΩ
Crimp termination	0.5 mm <sup>2</sup> (AWG 20)
Screw termination	2.5 mm <sup>2</sup> (AWG 14)
- Starting/testing torque	0.5 Nm
<b>Housings</b> (see 'Han Industrial Connectors' Catalogue)	
Material	Aluminium die cast
Surface	Powder plated RAL 7037
Locking element	Steel, zinc plated
Sealing	NBR
Ambient temperature	- 40° ... + 125°C
Degree of protection acc. to DIN 40 050 in locked position	IP 65

- Connector for temperature control wire
- Iron and constantan contacts acc. to DIN IEC 584 Type J
- Screw and crimp termination
- Mixed loading of thermocouple crimp contacts and standard Han<sup>®</sup>-E power contacts in one insert is possible
- Further combinations with Han-Modular<sup>®</sup> are possible
- Special housings and inserts with crimp termination also for higher ambient temperatures available
- Ideal for injection moulding machines