

Han-Modular® 70 A Hybrid Module



Number of contacts

1 x 70 A
4 x 16 A



Identification	Part-Number		Drawings	Dimensions in mm
	Male insert (M)	Female insert (F)		
Han® 70 A Hybrid Module axial screw terminal 6 ... 16 mm ²	09 14 005 2646	09 14 005 2741		
	14 ... 22 mm ²	09 14 005 2647		

Identification	Part-Number	Depiction
Hex Key SW 2.5 for axial screw terminal Bit ¼"	09 99 000 0375	

Identification	Wire gauge (mm ²)	Male insert (M)	Female insert (F)	Drawings	Dimensions in mm																																		
						Operating contact Identification																																	
Signal contacts	0.14-0.37	09 33 000 6127	09 33 000 6227																																				
crimp terminal	0.5	09 33 000 6121	09 33 000 6020																																				
silver plated	0.75	09 33 000 6114	09 33 000 6214	<table border="1"> <thead> <tr> <th>Identification</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> <td>7.5 mm</td> </tr> <tr> <td>no groove</td> <td>0.5 mm²</td> <td>AWG 20</td> <td>7.5 mm</td> </tr> <tr> <td>1 grooves*</td> <td>0.75 mm²</td> <td>AWG 18</td> <td>7.5 mm</td> </tr> <tr> <td>1 grooves</td> <td>1 mm²</td> <td>AWG 18</td> <td>7.5 mm</td> </tr> <tr> <td>2 grooves</td> <td>1.5 mm²</td> <td>AWG 16</td> <td>7.5 mm</td> </tr> <tr> <td>3 grooves</td> <td>2.5 mm²</td> <td>AWG 14</td> <td>7.5 mm</td> </tr> <tr> <td>wide groove</td> <td>3 mm²</td> <td>AWG 12</td> <td>7.5 mm</td> </tr> <tr> <td>no groove</td> <td>4 mm²</td> <td>AWG 12</td> <td>7.5 mm</td> </tr> </tbody> </table>	Identification	Wire gauge	Stripping length	no groove	0.14 ... 0.37 mm ²	AWG 26-22	7.5 mm	no groove	0.5 mm ²	AWG 20	7.5 mm	1 grooves*	0.75 mm ²	AWG 18	7.5 mm	1 grooves	1 mm ²	AWG 18	7.5 mm	2 grooves	1.5 mm ²	AWG 16	7.5 mm	3 grooves	2.5 mm ²	AWG 14	7.5 mm	wide groove	3 mm ²	AWG 12	7.5 mm	no groove	4 mm ²	AWG 12	7.5 mm
Identification	Wire gauge	Stripping length																																					
no groove	0.14 ... 0.37 mm ²	AWG 26-22	7.5 mm																																				
no groove	0.5 mm ²	AWG 20	7.5 mm																																				
1 grooves*	0.75 mm ²	AWG 18	7.5 mm																																				
1 grooves	1 mm ²	AWG 18	7.5 mm																																				
2 grooves	1.5 mm ²	AWG 16	7.5 mm																																				
3 grooves	2.5 mm ²	AWG 14	7.5 mm																																				
wide groove	3 mm ²	AWG 12	7.5 mm																																				
no groove	4 mm ²	AWG 12	7.5 mm																																				
	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 6117																																				
	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																																				
	4	09 33 000 6119	09 33 000 6221																																				

*on the back crimp collar

Features

- one contact (70 A) for power circuits
- four contacts (16 A) for signal circuits
- Combination of Power and signal contacts in one modul

Technical characteristics

Specifications

DIN EN 60 664-1
DIN EN 60 61984

Inserts

Number of contacts	1 / 4
Electrical data accd. to DIN EN 61 984	
Power contacts	70 A 1000 V 8 kV 3
Rated current	70 A
Rated voltage	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Signal contacts	16 A 400 V 6 kV 3
Rated current	16 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3

Insulation resistance	≥ 10 ¹⁰ Ω
Material	Polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability accd. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles

Power Contacts

Material	Copper alloy
Surface	
- hard-silver plated	3 μm Ag
Contact resistance	≤ 0.5 mΩ
Axial screw terminal	
- geometric wire gauge	6 ... 22 mm ²
- AWG	8 ... 4
- Hexagonal drive	SW 2.5

Tightening torque

mm ²	6	10	16	22
Nm	2	3	4	5

Stripping length

mm ²	6	10	16	22
mm	11 ⁺¹	11 ⁺¹	11 ⁺¹	12.5 ⁺¹

Signal Contacts

Material	Copper alloy
Surface	
- hard-silver plated	3 μm Ag
- hard-gold plated	2 μm Ag over 3 μm Ni
Contact resistance	≤ 1 mΩ
Crimp terminal	
- mm ²	0.14 ... 4 mm ²
- AWG	26 ... 12

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [harting manufacturer](#):

Other Similar products are found below :

[73550400915](#) [9120052633](#) [9185106813](#) [9200165425](#) [9300160306](#) [9300165422](#) [9300245422](#) [11996000001](#) [14010313110334](#)
[14010813101333](#) [14011213102333](#) [14110213002333](#) [15110102601333](#) [15210262401000](#) [15211002601333](#) [15221002401000](#)
[15250682601333](#) [15150082601333](#) [15150122601333](#) [15150262601333](#) [15220062401000](#) [15220122601000](#) [15220502401000](#)
[15220682401000](#) [15250102601333](#) [15250122601333](#) [17063082203](#) [19000007106](#) [19000007109](#) [19200100290](#) [19200100295](#) [19200100546](#)
[19200320537](#) [19300060292](#) [19300060546](#) [19300067296](#) [19300101430](#) [19300101440](#) [19300101730](#) [19300160429](#) [19300160757](#)
[19300241291](#) [19300320427](#) [19300480449](#) [1930060291](#) [19302100291](#) [19302100547](#) [19302101250](#) [19302101541](#) [19302161251](#)