



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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		 M
	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		<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
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crimp terminal	0.5	09 33 000 6121	09 33 000 6020	<p>*on the back crimp collar</p>																																				
silver plated	0.75	09 33 000 6114	09 33 000 6214																																					
	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																																					

Crimp contacts 0.14 ... 0.37 mm² only used with BUCHANAN crimping tool 09 99 000 0001

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	$\geq 10^{10} \Omega$
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 μ m Ag
Contact resistance	≤ 0.5 m Ω
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 μ m Ag
- hard-gold plated	2 μ m Ag over 3 μ m Ni
Contact resistance	≤ 1 m Ω
Crimp terminal	
- mm ²	0.14 ... 4 mm ²
- AWG	26 ... 12