



HMN系列/HMN modular series

- 新设计,专利产品/Sibas new design,patent products
- 可以相互兼容其他品牌/Mutually compatible with other brands
- 更方便实际安装/More convenient to install
- 完整的系列/Complete series
- 可以根据客户要求开发/Can be developed according to customer requirements

1. 产品制造规范/Specifications

VDE 0110 爬电距离及电气间隙/Concerning clearance and creepage distances
VDE 0627 插头插座/Connectors and plug devices

2. 标准/Standard

DIN EN 60 664-1
DIN EN 61984

3. 产品认证/Approvals



H10A



H6B



H10B



H16B

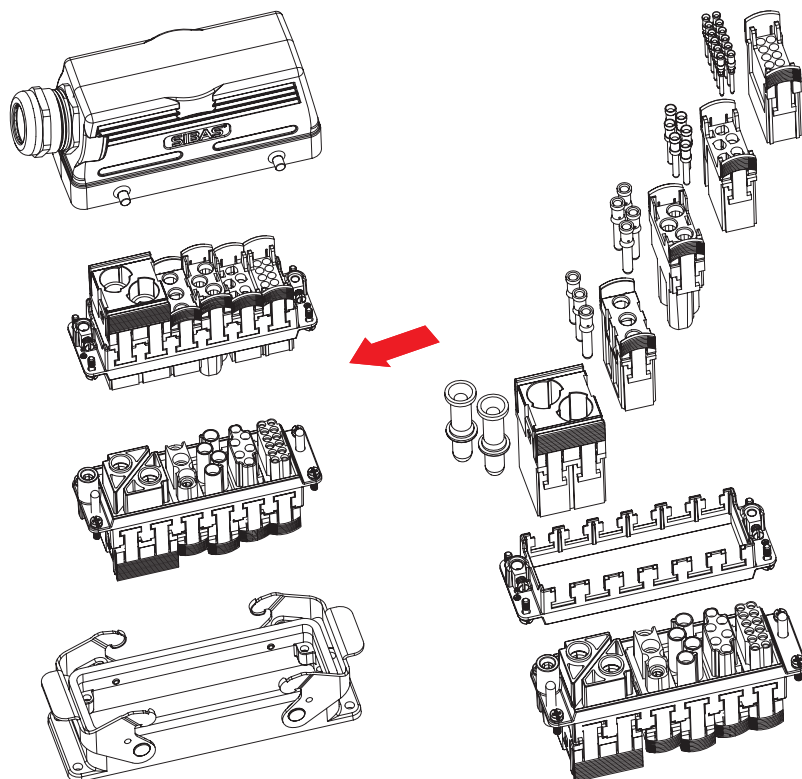


H24B



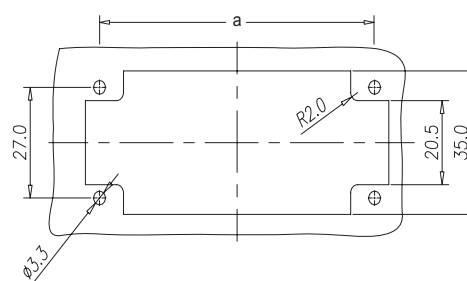
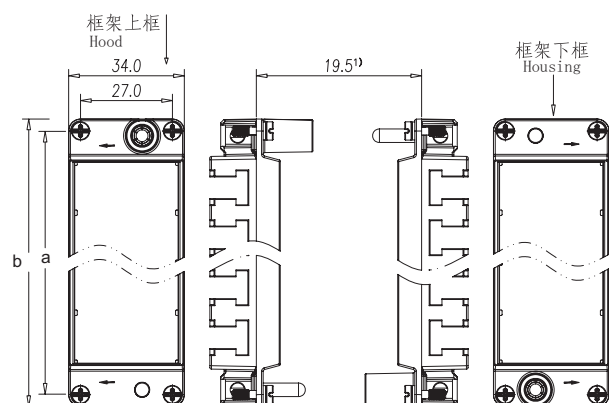
组合式模块，安装及拆卸时不需要专用工具！

Modular units, install and remove without special tools!



HMN

HMN模块框架/HMN module fixing frame



对应外壳 Hood/Housing	安装模块数 NO.of modules	a	b
H10A	1	49.5	56.5
H6B	2	44	51
H10B	3	57	64.1
H16B	4	77.5	84.5
H24B	6	104	111

框架之间最大安装距离21mm/Distance for electrical contacts max.21mm
对气动插件最大安装距离20.5mm/For pneumatic contacts max.20.5mm

每套框架由一个上架和一个下架所组成
Each frame is composed of an upper and a lower bracket.

参数/Parameter	规格 Size	订货号 Order No.	型号 Designation
H10A框架,可安装1个准模块 H10A frame for 1 modules	H10A	2 07 910 4201 2 07 910 4101	H10A-T1-M H10A-T1-F
H6B框架,可安装2个准模块 H6B frame for 2 modules	H6B	2 07 006 2101	H6BN-T2
H10B框架,可安装3个准模块 H10B frame for 3 modules	H10B	2 07 010 2101	H10BN-T3
H16B框架,可安装4个准模块 H16B frame for 4 modules	H16B	2 07 016 2101	H16BN-T4
H24B框架,可安装6个准模块 H24B frame for 6 modules	H24B	2 07 024 2101	H24BN-T6

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 1 pole

接插体/Inserts

工作电流/Working current 200A max
(见电流负载图/See current carrying capacity)
工作电压/Working voltage 1000V
测试电压/Test voltage urms 8KV
污染等级/Pollutiion degree 3☉
隔离电阻/Insulation resistance $\geq 10^{10}\Omega$
材料/Material Polycarbonate
工作温度范围
Temperature range $-40^{\circ}\text{C} \dots +125^{\circ}\text{C}$
阻燃等级 (据UL94) V0
Flammability acc.to UI94
可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插件/Contacts

材料/Material 铜/Copper alloy
表面处理/Surface 镀银/Hard silver-plated
接触电阻/Contact resistance $\leq 0.3\text{m}\Omega$
接线形式/Terminal 冷压, 轴向连接
Crimp,Axial screw terminal
-mm² 25-70mm²
-AWG 2-0
拧紧力矩/测试力矩
-Tightenting/test torque

mm ²	25	35	50	70
Nm	8	8	9	10

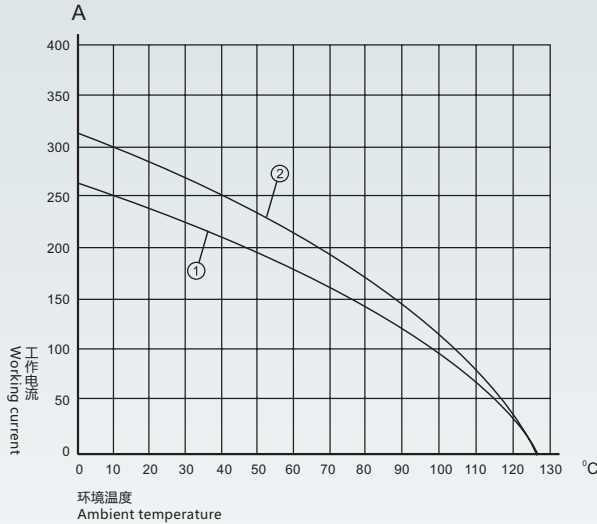
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximun temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



①装有3个模块的H24B外壳,接线线径:50mm²
H24B hood/housing with 3 modules;wire gauge:50mm²

②装有3个模块的H24B外壳,接线线径:70mm²
H24B hood/housing with 3 modules;wire gauge:70mm²

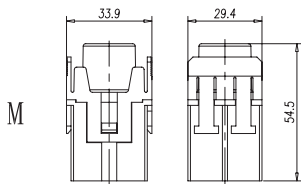
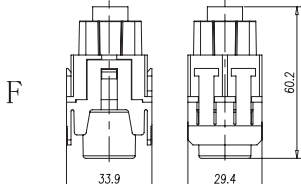
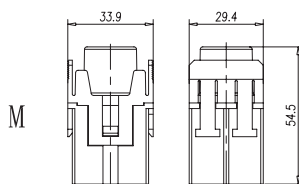
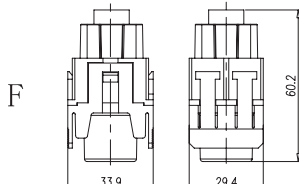
HMN

轴向连接形式/Axial screw terminal

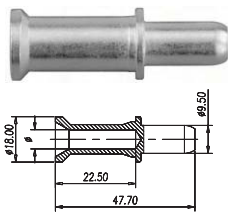
冷压接线/Crimp terminal

1Pole

1000V max. 200A

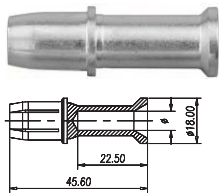
外型尺寸(mm)/Dimensions(mm)		线规/Wire gauge	订货号/Order NO.		型号 Type
			公接插件/Male insert	母接插件/Female insert	
轴向连接形式 Axial screw terminal	尺寸图/Size chart		25-40mm²	2 11 101 4101	HMN-001-M
				2 11 101 4201	
		40-70mm²	2 11 101 2101	2 11 101 2201	HMN-001-MD
					HMN-001-FD
冷压接线 Crimp terminal	尺寸图/Size chart		2 11 101 3101	2 11 101 3201	HMN-001-MC
					HMN-001-FC
					

插针/Male



线规 Wire gauge	Ø	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
25mm ²	7.0	22.5mm	CHM-25	2 06 000 1025	DHM-25	2 06 001 1025
35mm ²	8.2	22.5mm	CHM-35	2 06 000 1035	DHM-35	2 06 001 1035
50mm ²	10.0	22.5mm	CHM-50	2 06 000 1050	DHM-50	2 06 001 1050
70mm ²	11.5	22.5mm	CHM-70	2 06 000 1070	DHM-70	2 06 001 1070

插孔/Female



线规 Wire gauge	Ø	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
25mm ²	7.0	22.5mm	CHF-25	2 06 000 2025	DHF-25	2 06 001 2025
35mm ²	8.2	22.5mm	CHF-35	2 06 000 2035	DHF-35	2 06 001 2035
50mm ²	10.0	22.5mm	CHF-50	2 06 000 2050	DHF-50	2 06 001 2050
70mm ²	11.5	22.5mm	CHF-70	2 06 000 2070	DHF-70	2 06 001 2070

HMN

规范/Specifications

DIN EN 60 664-1
DIN EN 61 984

接插件针数

Number of contacts

2 poles

接插体/Inserts

工作电流/Working current

100A max

(见电流负载图/See current carrying capacity)

工作电压/Working voltage

1000V

测试电压/Test voltage urms

8KV

污染等级/Pollutiion degree

3☉

隔离电阻/Insulation resistance

$\geq 10^{10}\Omega$

材料/Material

Polycarbonate

工作温度范围

Temperature range

-40°C...+125°C

阻燃等级 (据UL94)

V0

Flammability acc.to UI94

可拔插次数

≥ 500

Mechanical working life-mating cycles

接插件/Contacts

材料/Material

铜/Copper alloy

表面处理/Surface

镀银/Hard silver-plated

接触电阻/Contact resistance

$\leq 0.3m\Omega$

接线形式/Terminal

冷压, 轴向连接

Crimp,Axial screw terminal

-mm²

10-35mm²

-AWG

6-2

拧紧力矩/测试力矩

-Tightenting/test torque

mm ²	10	16	25	35
Nm	6	6	7	8

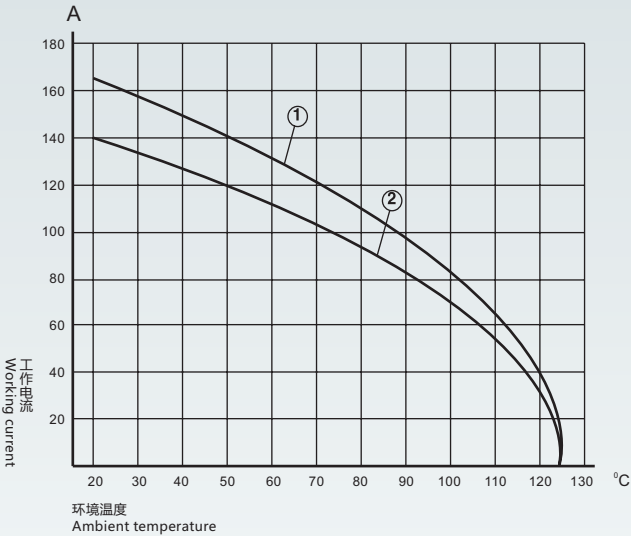
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximun temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



HMN

轴向连接形式/Axial screw terminal

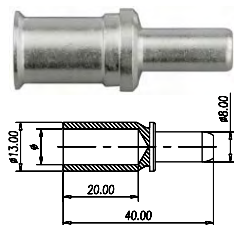
冷压接线/Crimp terminal

2Poles

1000V max. 100A

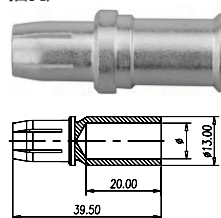
外型尺寸(mm)/Dimensions(mm)		线规/Wire gauge	订货号/Order NO.		型号 Type
			公接插件/Male insert	母接插件/Female insert	
轴向连接形式 Axial screw terminal	接插针排序/Contact arrangement view from termination side M	10-25mm ²	2 11 102 2101	2 11 102 2201	HMN-D2-M HMN-D2-F
		16-35mm ²	2 11 102 4101	2 11 102 4201	HMN-D2-MD HMN-D2-FD
	F				
冷压接线 Crimp terminal	接插针排序/Contact arrangement view from termination side M		2 11 102 8101	2 11 102 8201	HMN-D2-MC HMN-D2-FC
	F				

插针/Male



线规 Wire gauge	Ø	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts, silver-plated		镀金冷压接插针 Crimp contacts, gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
10mm ²	4.3	19mm	CNM-10	2 05 000 1010	DNM-10	2 05 001 1010
16mm ²	5.5	19mm	CNM-16	2 05 000 1016	DNM-16	2 05 001 1016
25mm ²	7	19mm	CNM-25	2 05 000 1025	DNM-25	2 05 001 1025
35mm ²	8.2	16mm	CNM-35	2 05 000 1035	DNM-35	2 05 001 1035

插孔/Female



线规 Wire gauge	Ø	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts, silver-plated		镀金冷压接插针 Crimp contacts, gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
10mm ²	4.3	19mm	CNF-10	2 05 000 2010	DNF-10	2 05 001 2010
16mm ²	5.5	19mm	CNF-16	2 05 000 2016	DNF-16	2 05 001 2016
25mm ²	7	19mm	CNF-25	2 05 000 2025	DNF-25	2 05 001 2025
35mm ²	8.2	16mm	CNF-35	2 05 000 2035	DNF-35	2 05 001 2035

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 2 poles

接插体/Inserts

工作电流/Working current 40A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 1000V

测试电压/Test voltage urms 8KV

污染等级/Pollution degree 3C

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range $-40^{\circ}\text{C} \dots +125^{\circ}\text{C}$

阻燃等级 (据UL94) V0
Flammability acc.to UI94

据UL/CSA工作电压 600V
Working voltage acc.to UL/CSA

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插件/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

接触电阻/Contact resistance $\leq 0.5\text{m}\Omega$

接线形式/Terminal 冷压, 轴向连接
Crimp, Axial screw terminal

-mm² 2.5-10mm²

-AWG 14-8

拧紧力矩/测试力矩

mm ²	2.5	4	6	10
Nm	1.5	1.5	2	2

-Tightenting/test torque

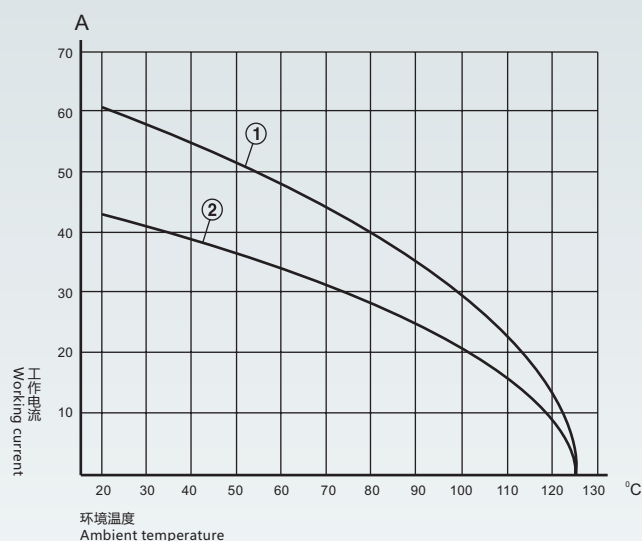
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有6个模块的H24B外壳, 接线线径: 10mm²
H24B hood/housing with 3 modules; wire gauge: 10mm²

② 装有6个模块的H24B外壳, 接线线径: 6mm²
H24B hood/housing with 3 modules; wire gauge: 6mm²

HMN

轴向连接形式/Axial screw terminal

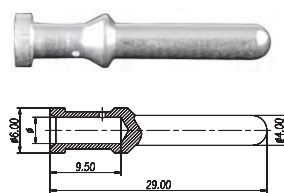
冷压接线/Crimp terminal

2Poles

1000V max. 40A

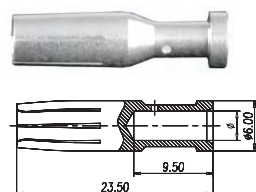
外型尺寸(mm)/Dimensions(mm)		线规/Wire gauge	订货号/Order NO.		型号 Type
			公接插件/Male insert	母接插件/Female insert	
轴向连接形式 Axial screw terminal	接插针排序/Contact arrangement view from termination side	2.5-8mm ²	2 11 102 3101	2 11 102 3201	HMN-S2-M
					HMN-S2-F
		6-10mm ²	2 11 102 5101	2 11 102 5201	HMN-S2-MD
					HMN-S2-FD
冷压接线 Crimp terminal	接插针排序/Contact arrangement view from termination side		2 11 102 9101	2 11 102 9201	HMN-S2-MC
					HMN-S2-FC

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts, silver-plated		镀金冷压接插针 Crimp contacts, gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMM-1.5	2 04 000 1015	DMM-1.5	2 04 001 1015
2.5mm ²	AWG14	8.0mm	CMM-2.5	2 04 000 1025	DMM-2.5	2 04 001 1025
4.0mm ²	AWG12	8.0mm	CMM-4.0	2 04 000 1040	DMM-4.0	2 04 001 1040
6.0mm ²	AWG10	8.0mm	CMM-6.0	2 04 000 1060	DMM-6.0	2 04 001 1060
10mm ²	AWG7	8.0mm	CMM-10	2 04 000 1100	DMM-10	2 04 001 1100

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts, silver-plated		镀金冷压接插针 Crimp contacts, gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMF-1.5	2 04 000 2015	DMF-1.5	2 04 001 2015
2.5mm ²	AWG14	8.0mm	CMF-2.5	2 04 000 2025	DMF-2.5	2 04 001 2025
4.0mm ²	AWG12	8.0mm	CMF-4.0	2 04 000 2040	DMF-4.0	2 04 001 2040
6.0mm ²	AWG10	8.0mm	CMF-6.0	2 04 000 2060	DMF-6.0	2 04 001 2060
10mm ²	AWG7	8.0mm	CMF-10	2 04 000 2100	DMF-10	2 04 001 2100

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 2 poles

接插体/Inserts

工作电流/Working current 16A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 2900V/5000V

测试电压/Test voltage urms 15KV

污染等级/Pollution degree 3©

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate Teflon(PTFE)

工作温度范围
Temperature range $-40^{\circ}\text{C} \dots +100^{\circ}\text{C}/125^{\circ}\text{C}$

阻燃等级 (据UL94) V0
Flammability acc.to UL94

据UL/CSA工作电压 600V
Working voltage acc.to UL/CSA

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插件/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

接触电阻/Contact resistance $\leq 1\text{m}\Omega$

接线形式/Terminal 冷压连接方式
Crimp terminal

-mm² 0.5-4.0mm²

-AWG 20-12

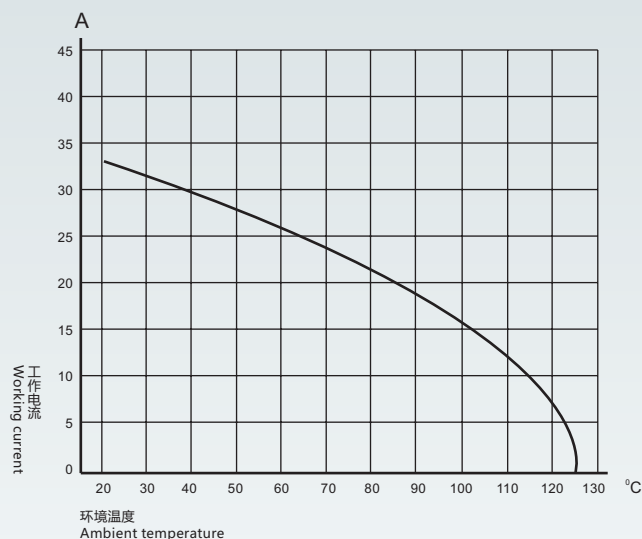
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有1个模块的H16B外壳,接线线径:2.5mm²
H16B hood/housing with 1 modules; wire gauge: 2.5mm²

HMN

冷压接线/Crimp terminal

2Poles

2900V/5000V max.16A

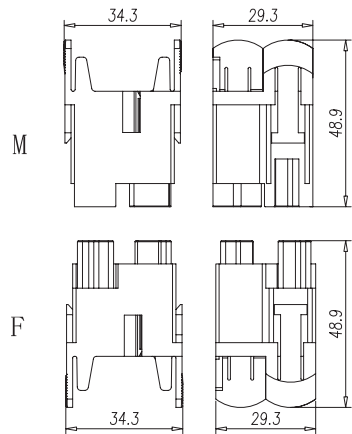
外型尺寸(mm)/Dimensions(mm)

冷压接线

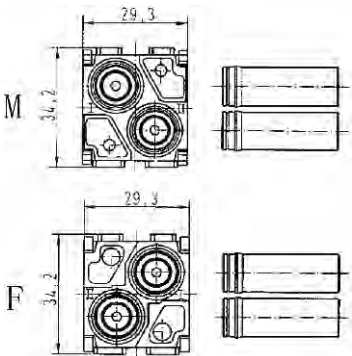
Crimp terminal



尺寸图/Size chart



接插针排序/Contact arrangement
view from termination side



订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号

Type

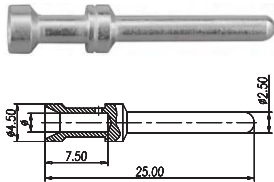
2 11 102 6101

2 11 102 6201

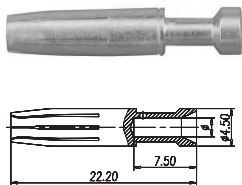
HMN-H2-M

HMN-H2-F

插针/Male



插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEM-0.3	2 03 000 1002	DEM-0.3	2 03 001 1002
0.5mm ²	AWG20	7.5mm	CEM-0.5	2 03 000 1005	DEM-0.5	2 03 001 1005
0.75mm ²	AWG18	7.5mm	CEM-0.75	2 03 000 1008	DEM-0.75	2 03 001 1008
1.0mm ²	AWG18	7.5mm	CEM-1.0	2 03 000 1010	DEM-1.0	2 03 001 1010
1.5mm ²	AWG16	7.5mm	CEM-1.5	2 03 000 1015	DEM-1.5	2 03 001 1015
2.5mm ²	AWG14	7.5mm	CEM-2.5	2 03 000 1025	DEM-2.5	2 03 001 1025
4.0mm ²	AWG12	7.5mm	CEM-4.0	2 03 000 1040	DEM-4.0	2 03 001 1040

线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEF-0.3	2 03 000 2002	DEF-0.3	2 03 001 2002
0.5mm ²	AWG20	7.5mm	CEF-0.5	2 03 000 2005	DEF-0.5	2 03 001 2005
0.75mm ²	AWG18	7.5mm	CEF-0.75	2 03 000 2008	DEF-0.75	2 03 001 2008
1.0mm ²	AWG18	7.5mm	CEF-1.0	2 03 000 2010	DEF-1.0	2 03 001 2010
1.5mm ²	AWG16	7.5mm	CEF-1.5	2 03 000 2015	DEF-1.5	2 03 001 2015
2.5mm ²	AWG14	7.5mm	CEF-2.5	2 03 000 2025	DEF-2.5	2 03 001 2025
4.0mm ²	AWG12	7.5mm	CEF-4.0	2 03 000 2040	DEF-4.0	2 03 001 2040

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 2 poles

接插体/Inserts

工作电流/Working current 70A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 1000V

测试电压/Test voltage urms 8KV

污染等级/Pollution degree 3Ⓢ

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range $-40^{\circ}\text{C} \dots +125^{\circ}\text{C}$

阻燃等级 (据UL94) V0
Flammability acc.to UL94

据UL/CSA工作电压 600V
Working voltage acc.to UL/CSA

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

接触电阻/Contact resistance $\leq 0.5\text{m}\Omega$

接线形式/Terminal 冷压, 轴向连接方式
Crimp terminal/Axial screw terminal

-mm² 6-22mm²

-AWG 8-4

拧紧力矩/测试力矩

mm ²	6	10	16	22
Nm	2	3	4	4

-Tightening/test torque

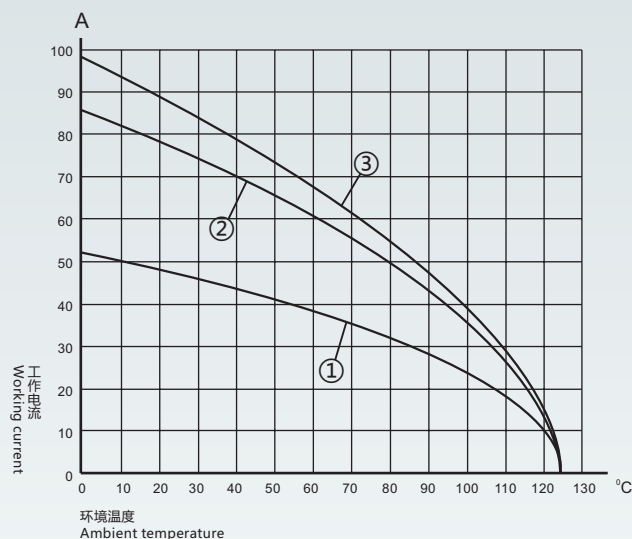
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有6个模块的H24B外壳, 接线线径: 6mm²
H24B hood/housing with 6 modules; wire gauge: 6mm²

② 装有6个模块的H24B外壳, 接线线径: 16mm²
H24B hood/housing with 6 modules; wire gauge: 16mm²

③ 装有6个模块的H24B外壳, 接线线径: 22mm²
H24B hood/housing with 6 modules; wire gauge: 22mm²

HMN

冷压连接形式/Crimp terminal

1000V max.70A

线规/Wire gauge

公接插件/Male insert

母接插件/Female insert

型号
Type

Axial screw terminal



M

6-16mm²

		6-16mm ²	2 11 170 2101
---	---	---------------------	---------------

2 11 170 2201

HMN-70A-M

HMN-70A-F

14-22mm²

		14-22mm ²	2 11 170 3101
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2 11 170 3201

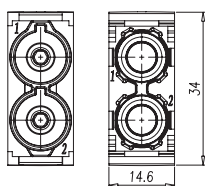
HMN-70A-MD

HMN-70A-FD

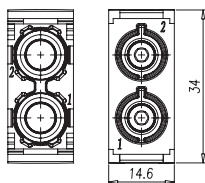
接插针排序/Contact
arrangement view
from termination side



M



F



线规 Wire gauge		A	B	镀银冷压插针 Crimp contacts,silver-plated		镀金冷压插针 Crimp contacts,gold-plated	
				型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
10.0mm ²	AWG7	4.3	5.6	CSM-10	2 40 000 1100	DSM-10	2 40 001 1100
16.0mm ²	AWG5	5.5	8.5	CSM-16	2 40 000 1160	DSM-16	2 40 001 1160
25.0mm ²	AWG3	7.0	10.0	CSM-25	2 40 000 1250	DSM-25	2 40 001 1250

[illegible]

线规 Wire gauge		A	B	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
				型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
10.0mm ²	AWG7	4.3	5.6	CSF-10	2 40 000 1100	DSF-10	2 40 001 1100
16.0mm ²	AWG5	5.5	8.5	CSF-16	2 40 000 1160	DSF-16	2 40 001 1160
25.0mm ²	AWG3	7.0	10.0	CSF-25	2 40 000 1250	DSF-25	2 40 001 1250

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 3 poles

接插体/Inserts

工作电流/Working current 40A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage

导线截面为5mm 690V
Cable Ø up to 5mm

导线截面为7.5mm 500V
Cable Ø up to 7.5mm

测试电压/Test voltage urms 6KV

污染等级/Pollution degree 3©

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...+125°C

阻燃等级 (据UL94) V0
Flammability acc.to UL94

据UL/CSA工作电压 600V
Working voltage acc.to UL/CSA

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插件/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

接触电阻/Contact resistance $\leq 0.3m\Omega$

接线形式/Terminal 冷压压接方式
Crimp terminal

-mm² 1.5-10mm²

-AWG 16-8

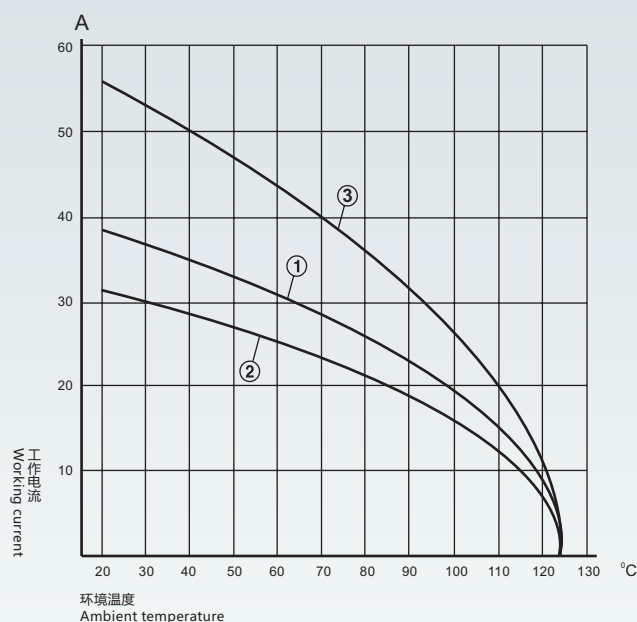
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



①装有6个模块的H24B外壳,接线线径:6.0mm²
H24B hood/housing with 6 modules;wire gauge:6.0mm²

②装有6个模块的H24B外壳,接线线径:4.0mm²
H24B hood/housing with 6 modules;wire gauge:4.0mm²

③装有6个模块的H24B外壳,接线线径:10.0mm²
H24B hood/housing with 6 modules;wire gauge:10.0mm²

HMN

冷压接线/Crimp terminal

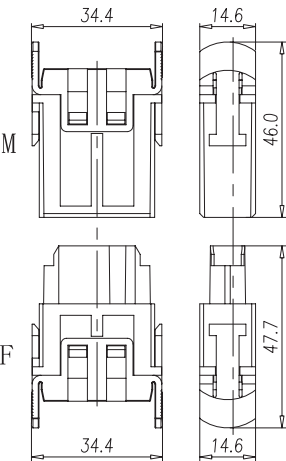
3Poles

690V max.40A

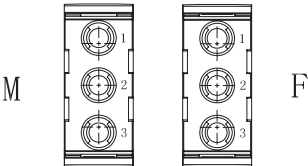
外型尺寸(mm)/Dimensions(mm)

冷压接线
Crimp terminal

尺寸图/Size chart

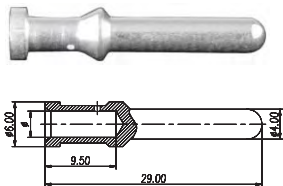


接插针排序/Contact arrangement
view from termination side



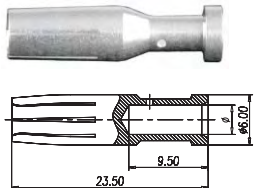
订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 103 2101	2 11 103 2201	HMN-003-M HMN-003-F

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMM-1.5	2 04 000 1015	DMM-1.5	2 04 001 1015
2.5mm ²	AWG14	8.0mm	CMM-2.5	2 04 000 1025	DMM-2.5	2 04 001 1025
4.0mm ²	AWG12	8.0mm	CMM-4.0	2 04 000 1040	DMM-4.0	2 04 001 1040
6.0mm ²	AWG10	8.0mm	CMM-6.0	2 04 000 1060	DMM-6.0	2 04 001 1060
10mm ²	AWG7	8.0mm	CMM-10	2 04 000 1100	DMM-10	2 04 001 1100

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMF-1.5	2 04 000 2015	DMF-1.5	2 04 001 2015
2.5mm ²	AWG14	8.0mm	CMF-2.5	2 04 000 2025	DMF-2.5	2 04 001 2025
4.0mm ²	AWG12	8.0mm	CMF-4.0	2 04 000 2040	DMF-4.0	2 04 001 2040
6.0mm ²	AWG10	8.0mm	CMF-6.0	2 04 000 2060	DMF-6.0	2 04 001 2060
10mm ²	AWG7	8.0mm	CMF-10	2 04 000 2100	DMF-10	2 04 001 2100

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 4 poles

接插体/Inserts

工作电流/Working current 40A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage

导线截面为5mm 830V
Cable Ø up to 5mm

导线截面为7.5mm 500V
Cable Ø up to 7.5mm

测试电压/Test voltage urms 8KV

污染等级/Pollution degree 3©

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...+125°C

阻燃等级 (据UL94) V0

Flammability acc.to UI94

据UL/CSA工作电压 600V

Working voltage acc.to UL/CSA

可拔插次数 ≥ 500

Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

接触电阻/Contact resistance $\leq 0.3m\Omega$

接线形式/Terminal 冷压接线

Crimp terminal

-mm² 1.5-6mm²

-AWG 16-10

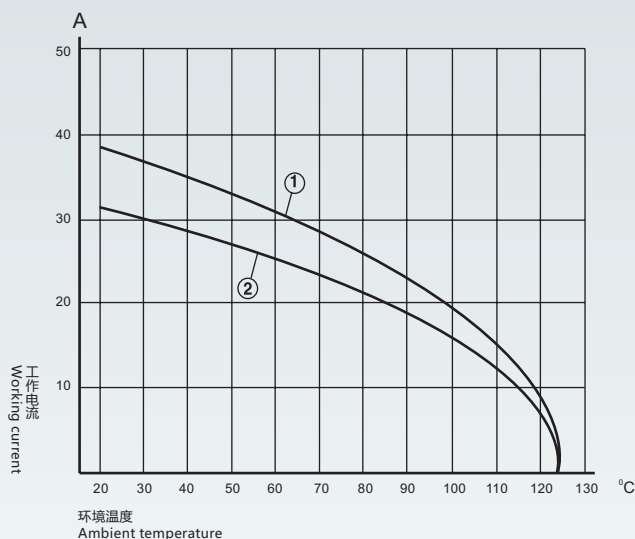
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有6个模块的H24B外壳,接线线径:6.0mm²
H24B hood/housing with 6 modules;wire gauge:6.0mm²

② 装有6个模块的H24B外壳,接线线径:4.0mm²
H24B hood/housing with 6 modules;wire gauge:4.0mm²

HMN

冷压接线/Crimp terminal

4Poles

830V max.40A

外型尺寸(mm)/Dimensions(mm)

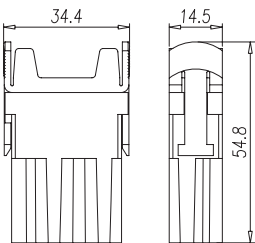
冷压接线

Crimp terminal

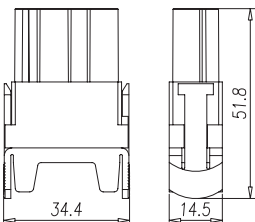
尺寸图/Size chart



M

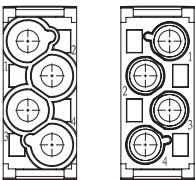


F



接插针排序/Contact arrangement
view from termination side

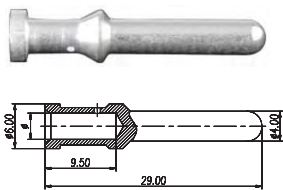
M



F

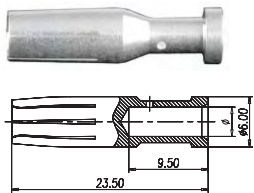
订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 104 2101		HMN-004-M
	2 11 104 2201	HMN-004-F

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMM-1.5	2 04 000 1015	DMM-1.5	2 04 001 1015
2.5mm ²	AWG14	8.0mm	CMM-2.5	2 04 000 1025	DMM-2.5	2 04 001 1025
4.0mm ²	AWG12	8.0mm	CMM-4.0	2 04 000 1040	DMM-4.0	2 04 001 1040
6.0mm ²	AWG10	8.0mm	CMM-6.0	2 04 000 1060	DMM-6.0	2 04 001 1060
10mm ²	AWG7	8.0mm	CMM-10	2 04 000 1100	DMM-10	2 04 001 1100

插孔/Female



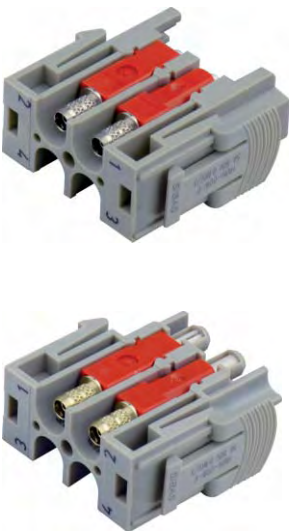
线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMF-1.5	2 04 000 2015	DMF-1.5	2 04 001 2015
2.5mm ²	AWG14	8.0mm	CMF-2.5	2 04 000 2025	DMF-2.5	2 04 001 2025
4.0mm ²	AWG12	8.0mm	CMF-4.0	2 04 000 2040	DMF-4.0	2 04 001 2040
6.0mm ²	AWG10	8.0mm	CMF-6.0	2 04 000 2060	DMF-6.0	2 04 001 2060
10mm ²	AWG7	8.0mm	CMF-10	2 04 000 2100	DMF-10	2 04 001 2100

光纤连接形式
Suitable for SC contacts(GI-Fibre)

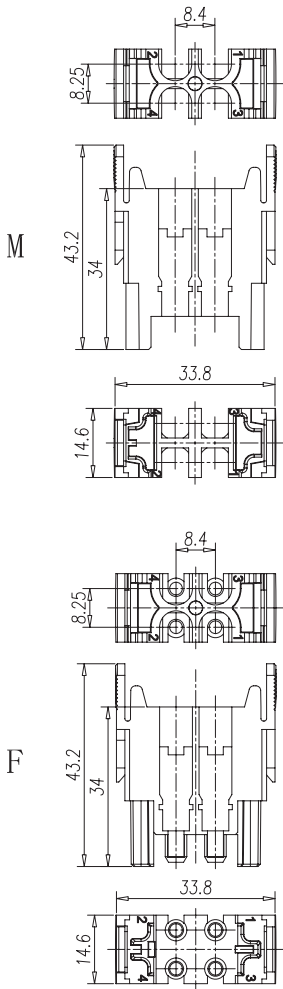
4Poles

外型尺寸(mm)/Dimensions(mm)

光纤连接形式
Suitable for SC contacts



尺寸图/Size chart



订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 104 3101		HMN-004-MSC
	2 11 104 3201	HMN-004-FSC

HMN

规范/Specifications

DIN EN 60 664-1
DIN EN 61 984

接插件针数

Number of contacts

5 poles

接插体/Inserts

工作电流/Working current

16A max

(见电流负载图/See current carrying capacity)

工作电压/Working voltage

400V

测试电压/Test voltage urms

6KV

污染等级/Pollutiion degree

3©

隔离电阻/Insulation resistance

$\geq 10^{10}\Omega$

材料/Material

Polycarbonate

工作温度范围

-40°C...+100°C/125°C

Temperature range

阻燃等级 (据UL94)

V0

Flammability acc.to UI94

据UL/CSA工作电压

600V

Working voltage acc.to UL/CSA

可拔插次数

≥ 500

Mechanical working life-mating cycles

接插针/Contacts

材料/Material

铜/Copper alloy

表面处理/Surface

镀银/Hard silver-plated

镀金/Hard gold-plated

接触电阻/Contact resistance

$\leq 3m\Omega$

接线形式/Terminal

弹片压接方式

Spring terminal

-mm²

0.14-2.5mm²

-AWG

26-14

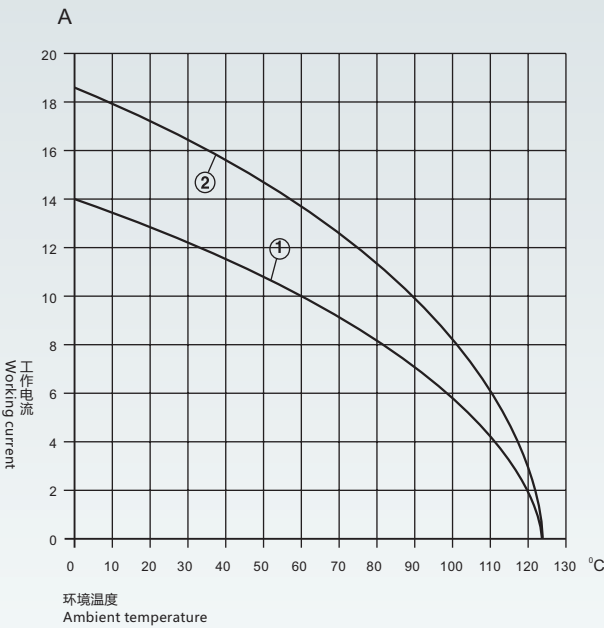
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximun temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



①装有6个模块的H24B外壳,接线线径:2.5mm²
H24B hood/housing with 6 modules;wire gauge:2.5mm²

②装有6个模块的H24B外壳,接线线径:1.5mm²
H24B hood/housing with 6 modules;wire gauge:1.5mm²

弹片接线形式/Spring terminal

5Poles

400V max.16A

外型尺寸(mm)/Dimensions(mm)		订货号/Order NO.		型号 Type	
		公接插件/Male insert	母接插件/Female insert		
弹片连接形式 Spring terminal	尺寸图/Size chart	2 11 005 2101	2 11 005 2201	HMN-005-MS	
				HMN-005-FS	
	接插针排序/Contact arrangement view from termination side				

HMN

规范/Specifications

DIN EN 60 664-1
DIN EN 61 984

接插件针数

Number of contacts

6 poles

接插体/Inserts

工作电流/Working current 16A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 500V/830V

测试电压/Test voltage urms 8KV

污染等级/Pollutiion degree 3©

隔离电阻/Insulation resistance $\geq 10^{10} \Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...+125°C

阻燃等级 (据UL94) V0

Flammability acc.to UI94

据UL/CSA工作电压 600V

Working voltage acc.to UL/CSA

可拔插次数 ≥ 500

Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

镀金/Hard gold-plated

接触电阻/Contact resistance $\leq 1\text{m}\Omega$

接线形式/Terminal 冷压接线

Crimp terminal

-mm² 0.14-4.0mm²

-AWG 26-12

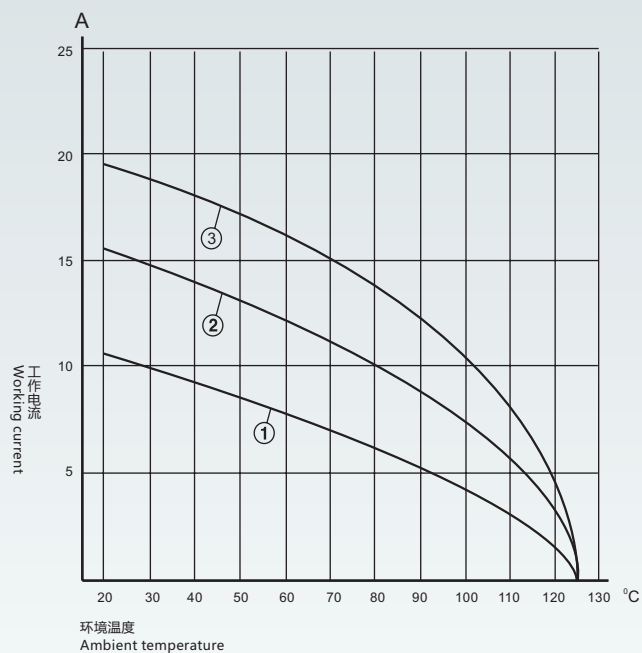
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximun temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



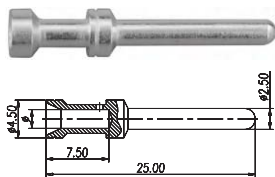
冷压接线/Crimp terminal

6Poles

外型尺寸(mm)/Dimensions(mm)		订货号/Order NO.		型号 Type
		公接插件/Male insert	母接插件/Female insert	
冷压接线 Crimp terminal 500V max.16A	接插针排序/Contact arrangement view from termination side	2 11 106 2101	2 11 106 2201	HMN-006-M
				HMN-006-F
冷压接线 Crimp terminal 830V max.16A	接插针排序/Contact arrangement view from termination side	2 11 106 3101	2 11 106 3201	HMN-006-PM
				HMN-006-PF

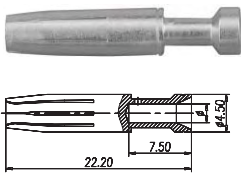
HMN

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEM-0.3	2 03 000 1002	DEM-0.3	2 03 001 1002
0.5mm ²	AWG20	7.5mm	CEM-0.5	2 03 000 1005	DEM-0.5	2 03 001 1005
0.75mm ²	AWG18	7.5mm	CEM-0.75	2 03 000 1008	DEM-0.75	2 03 001 1008
1.0mm ²	AWG18	7.5mm	CEM-1.0	2 03 000 1010	DEM-1.0	2 03 001 1010
1.5mm ²	AWG16	7.5mm	CEM-1.5	2 03 000 1015	DEM-1.5	2 03 001 1015
2.5mm ²	AWG14	7.5mm	CEM-2.5	2 03 000 1025	DEM-2.5	2 03 001 1025
4.0mm ²	AWG12	7.5mm	CEM-4.0	2 03 000 1040	DEM-4.0	2 03 001 1040

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEF-0.3	2 03 000 2002	DEF-0.3	2 03 001 2002
0.5mm ²	AWG20	7.5mm	CEF-0.5	2 03 000 2005	DEF-0.5	2 03 001 2005
0.75mm ²	AWG18	7.5mm	CEF-0.75	2 03 000 2008	DEF-0.75	2 03 001 2008
1.0mm ²	AWG18	7.5mm	CEF-1.0	2 03 000 2010	DEF-1.0	2 03 001 2010
1.5mm ²	AWG16	7.5mm	CEF-1.5	2 03 000 2015	DEF-1.5	2 03 001 2015
2.5mm ²	AWG14	7.5mm	CEF-2.5	2 03 000 2025	DEF-2.5	2 03 001 2025
4.0mm ²	AWG12	7.5mm	CEF-4.0	2 03 000 2040	DEF-4.0	2 03 001 2040

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 8 poles

接插体/Inserts

工作电流/Working current 16A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 400V

测试电压/Test voltage urms 6KV

污染等级/Pollution degree 3©

隔离电阻/Insulation resistance $\geq 10^{10} \Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...+125°C

阻燃等级 (据UL94) V0
Flammability acc.to UL94

据UL/CSA工作电压 600V
Working voltage acc.to UL/CSA

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

镀金/Hard gold-plated

接触电阻/Contact resistance $\leq 1\text{m}\Omega$

接线形式/Terminal 冷压接线

Crimp terminal

-mm² 0.14-4.0mm²

-AWG 26-12

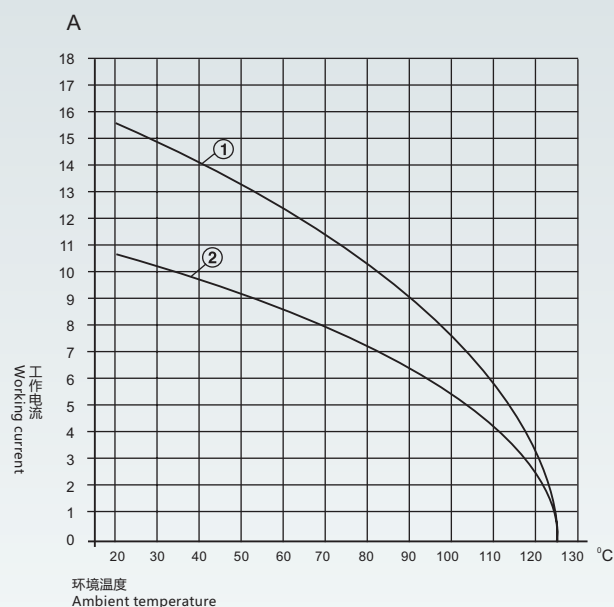
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有6个模块的H24B外壳,接线线径:2.5mm²
H24B hood/housing with 6 modules; wire gauge: 2.5mm²

② 装有6个模块的H24B外壳,接线线径:1.5mm²
H24B hood/housing with 6 modules; wire gauge: 1.5mm²

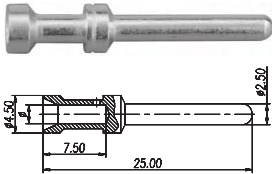
冷压接线/Crimp terminal

8Poles

400V max.16A

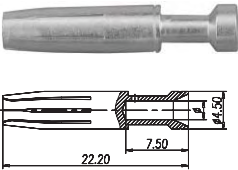
外型尺寸(mm)/Dimensions(mm)		订货号/Order NO.		型号 Type
		公接插件/Male insert	母接插件/Female insert	
冷压接 (冷压针需单独订购) Crimp terminal(Order crimp contacts separately)	尺寸图/Size chart	2 11 108 2101	2 11 108 2201	HMN-008-M
				HMN-008-F
	接插针排序/Contact arrangement view from termination side			

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEM-0.3	2 03 000 1002	DEM-0.3	2 03 001 1002
0.5mm ²	AWG20	7.5mm	CEM-0.5	2 03 000 1005	DEM-0.5	2 03 001 1005
0.75mm ²	AWG18	7.5mm	CEM-0.75	2 03 000 1008	DEM-0.75	2 03 001 1008
1.0mm ²	AWG18	7.5mm	CEM-1.0	2 03 000 1010	DEM-1.0	2 03 001 1010
1.5mm ²	AWG16	7.5mm	CEM-1.5	2 03 000 1015	DEM-1.5	2 03 001 1015
2.5mm ²	AWG14	7.5mm	CEM-2.5	2 03 000 1025	DEM-2.5	2 03 001 1025
4.0mm ²	AWG12	7.5mm	CEM-4.0	2 03 000 1040	DEM-4.0	2 03 001 1040

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEF-0.3	2 03 000 2002	DEF-0.3	2 03 001 2002
0.5mm ²	AWG20	7.5mm	CEF-0.5	2 03 000 2005	DEF-0.5	2 03 001 2005
0.75mm ²	AWG18	7.5mm	CEF-0.75	2 03 000 2008	DEF-0.75	2 03 001 2008
1.0mm ²	AWG18	7.5mm	CEF-1.0	2 03 000 2010	DEF-1.0	2 03 001 2010
1.5mm ²	AWG16	7.5mm	CEF-1.5	2 03 000 2015	DEF-1.5	2 03 001 2015
2.5mm ²	AWG14	7.5mm	CEF-2.5	2 03 000 2025	DEF-2.5	2 03 001 2025
4.0mm ²	AWG12	7.5mm	CEF-4.0	2 03 000 2040	DEF-4.0	2 03 001 2040

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 12 poles

接插体/Inserts

工作电流/Working current 10A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 250V

测试电压/Test voltage urms 4KV

污染等级/Pollution degree 3◎

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range $-40^{\circ}\text{C} \dots +125^{\circ}\text{C}$

阻燃等级 (据UL94) V0
Flammability acc.to UI94

据UL/CSA工作电压 600V
Working voltage acc.to UL/CSA

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

镀金/Hard gold-plated

接触电阻/Contact resistance $\leq 3\text{m}\Omega$

接线形式/Terminal 冷压接线

Crimp terminal

-mm² 0.14-2.5mm²

-AWG 26-14

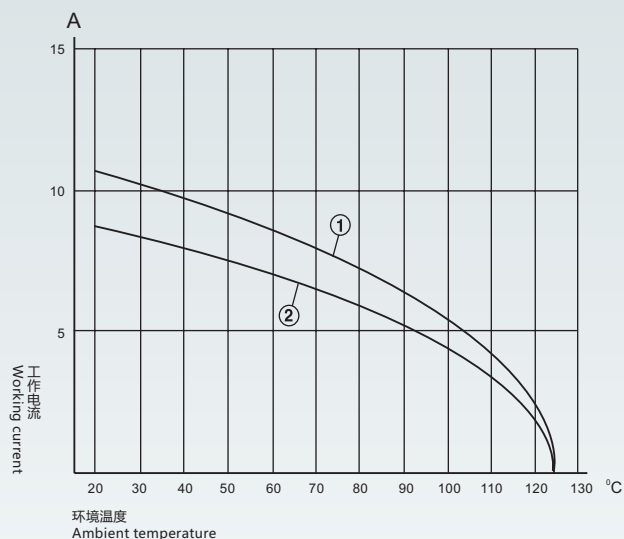
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有6个模块的H24B外壳,接线线径:1.5mm²
H24B hood/housing with 6 modules; wire gauge: 1.5mm²

② 装有6个模块的H24B外壳,接线线径:1.0mm²
H24B hood/housing with 6 modules; wire gauge: 1.0mm²

冷压接线/Crimp terminal

12Poles

250V max.10A

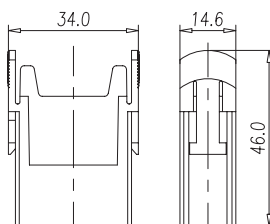
外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

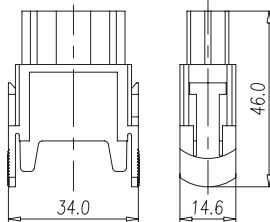
尺寸图/Size chart



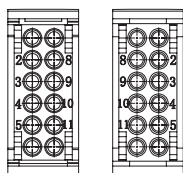
M



F

接插针排序/Contact arrangement
view from termination side

M

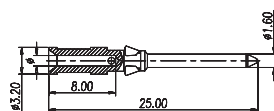


F

订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 112 2101	2 11 112 2201	HMN-012-M HMN-012-F

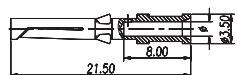
HMN

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 17 poles

接插体/Inserts

工作电流/Working current 10A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 160V

测试电压/Test voltage urms 2.5KV

污染等级/Pollution degree 3◎

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...+125°C

阻燃等级 (据UL94) V0

Flammability acc.to UL94

据UL/CSA工作电压 600V

Working voltage acc.to UL/CSA

可拔插次数 ≥ 500

Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

镀金/Hard gold-plated

接触电阻/Contact resistance $\leq 3m\Omega$

接线形式/Terminal 冷压接线

Crimp terminal

-mm² 0.14-2.5mm²

-AWG 26-14

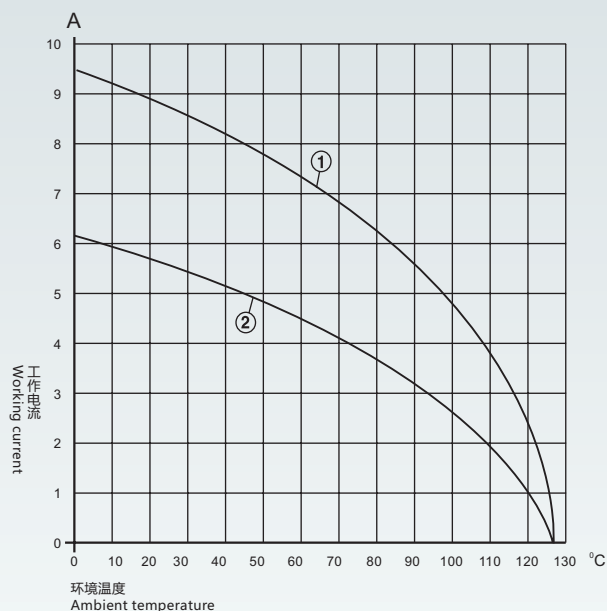
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



①装有6个模块的H24B外壳,接线线径:1.5mm²
H24B hood/housing with 6 modules; wire gauge: 1.5mm²

②装有6个模块的H24B外壳,接线线径:1.0mm²
H24B hood/housing with 6 modules; wire gauge: 1.0mm²

冷压接线/Crimp terminal

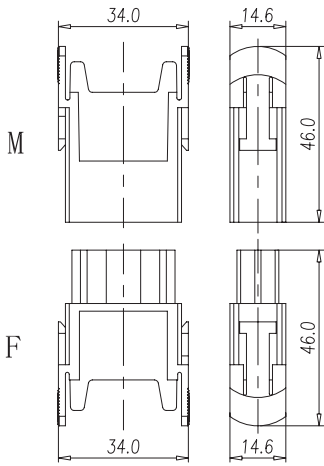
17Poles

160V max.10A

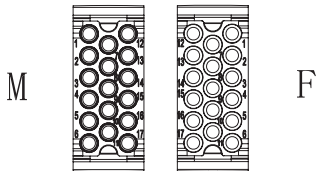
外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

尺寸图/Size chart



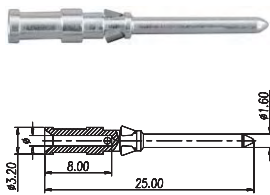
接插针排序/Contact arrangement
view from termination side



订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 117 2101	2 11 117 2201	HMN-017-M HMN-017-F

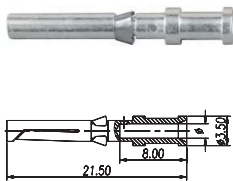
HMN

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

规范/Specifications

DIN EN 60 664-1
DIN EN 61 984

接插件针数

Number of contacts

20 poles

接插体/Inserts工作电流/Working current 16A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 500V

测试电压/Test voltage urms 6KV

污染等级/Pollution degree 3C

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range $-40^{\circ}\text{C} \dots +125^{\circ}\text{C}$ 阻燃等级 (据UL94) V0
Flammability acc.to UL94据UL/CSA工作电压 600V
Working voltage acc.to UL/CSA可拔插次数 ≥ 500

Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

镀金/Hard gold-plated

接触电阻/Contact resistance $\leq 1\text{m}\Omega$

接线形式/Terminal 冷压接线

Crimp terminal

-mm² 0.14-4.0mm²

-AWG 26-12

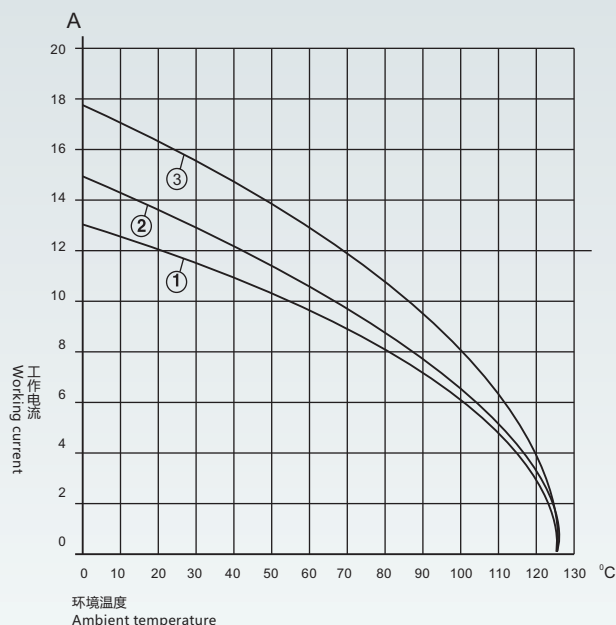
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有3个模块的H24B外壳,接线线径:1.5mm²
H24B hood/housing with 3 modules; wire gauge:1.5mm²

② 装有3个模块的H24B外壳,接线线径:2.5mm²
H24B hood/housing with 3 modules; wire gauge:2.5mm²

③ 装有3个模块的H24B外壳,接线线径:4mm²
H24B hood/housing with 3 modules; wire gauge:4mm²

冷压接线/Crimp terminal

20Poles

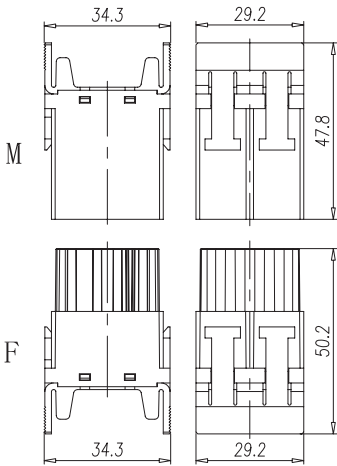
500V max.16A

外型尺寸(mm)/Dimensions(mm)

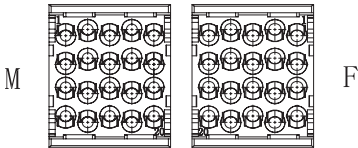
冷压接（冷压针需单独订购）
Crimp terminal(Order crimp
contacts separately)



尺寸图/Size chart



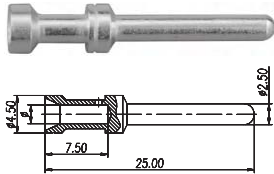
接插针排序/Contact arrangement
view from termination side



订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 120 2101	2 11 120 2201	HMN-020-M HMN-020-F

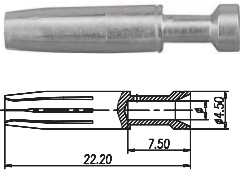
HMN

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEM-0.3	2 03 000 1002	DEM-0.3	2 03 001 1002
0.5mm ²	AWG20	7.5mm	CEM-0.5	2 03 000 1005	DEM-0.5	2 03 001 1005
0.75mm ²	AWG18	7.5mm	CEM-0.75	2 03 000 1008	DEM-0.75	2 03 001 1008
1.0mm ²	AWG18	7.5mm	CEM-1.0	2 03 000 1010	DEM-1.0	2 03 001 1010
1.5mm ²	AWG16	7.5mm	CEM-1.5	2 03 000 1015	DEM-1.5	2 03 001 1015
2.5mm ²	AWG14	7.5mm	CEM-2.5	2 03 000 1025	DEM-2.5	2 03 001 1025
4.0mm ²	AWG12	7.5mm	CEM-4.0	2 03 000 1040	DEM-4.0	2 03 001 1040

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.37mm ²	AWG26-22	7.5mm	CEF-0.3	2 03 000 2002	DEF-0.3	2 03 001 2002
0.5mm ²	AWG20	7.5mm	CEF-0.5	2 03 000 2005	DEF-0.5	2 03 001 2005
0.75mm ²	AWG18	7.5mm	CEF-0.75	2 03 000 2008	DEF-0.75	2 03 001 2008
1.0mm ²	AWG18	7.5mm	CEF-1.0	2 03 000 2010	DEF-1.0	2 03 001 2010
1.5mm ²	AWG16	7.5mm	CEF-1.5	2 03 000 2015	DEF-1.5	2 03 001 2015
2.5mm ²	AWG14	7.5mm	CEF-2.5	2 03 000 2025	DEF-2.5	2 03 001 2025
4.0mm ²	AWG12	7.5mm	CEF-4.0	2 03 000 2040	DEF-4.0	2 03 001 2040

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 25 poles

接插体/Inserts

工作电流/Working current 5A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 50V

测试电压/Test voltage urms 0.8KV

污染等级/Pollution degree 3◎

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...+125°C

阻燃等级 (据UL94) V0
Flammability acc.to UL94

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插件/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银
Hard silver-plated
镀金
Hard gold-plated

接触电阻/Contact resistance $\leq 1\text{m}\Omega$

接线形式/Terminal 冷压接线
Crimp terminal
-mm² 0.08-0.52mm²
-AWG 28-20

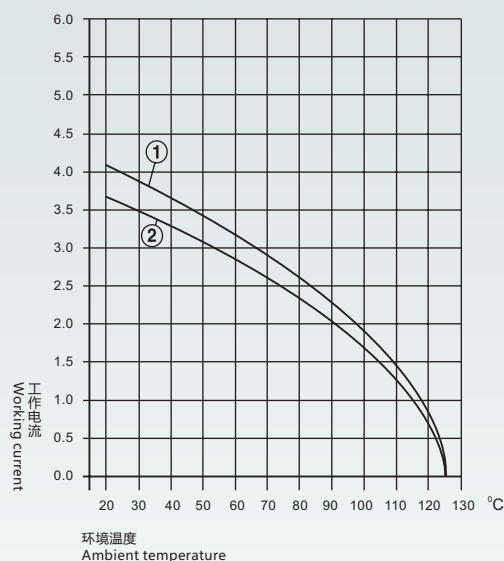
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



Turned contacts

① 装有6个模块的H24B外壳,接线线径:0.5mm²
H24B hood/housing with 6 modules; wire gauge:0.5mm²

Stamped contacts

② 装有6个模块的H24B外壳,接线线径:1.5mm²
H24B hood/housing with 6 modules; wire gauge:0.5mm²

冷压接线/Crimp terminal

25Poles

50V max.5A

外型尺寸(mm)/Dimensions(mm)

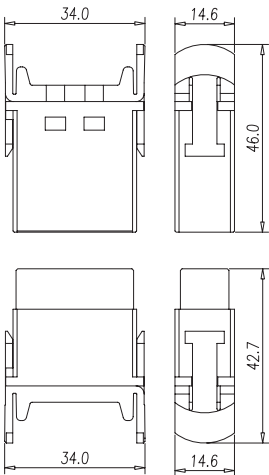
冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

尺寸图/Size chart

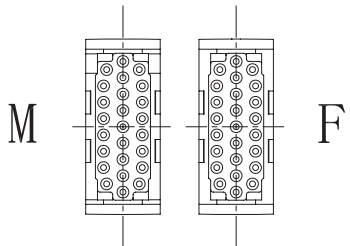


M

F



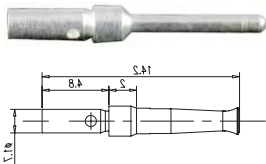
接插针排序/Contact arrangement
view from termination side



订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 125 2101	2 11 125 2201	HMN-025-M HMN-025-F

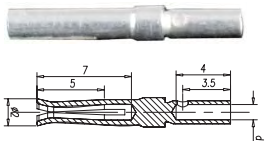
HMN

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.08-0.21mm ²	AWG28-24	5.0mm	CAM-08	2 07 000 1008	DAM-08	2 07 001 1008
0.13-0.33mm ²	AWG26-22	5.0mm	CAM-13	2 07 000 1013	DAM-13	2 07 001 1013
0.33-0.52mm ²	AWG22-20	5.0mm	CAM-33	2 07 000 1033	DAM-33	2 07 001 1033

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.08-0.21mm ²	AWG28-24	5.0mm	CAF-08	2 07 000 2008	DAF-08	2 07 001 2008
0.13-0.33mm ²	AWG26-22	5.0mm	CAF-13	2 07 000 2013	DAF-13	2 07 001 2013
0.33-0.52mm ²	AWG22-20	5.0mm	CAF-33	2 07 000 2033	DAF-33	2 07 001 2033

D-Sub 模块技术特性
D-Sub module technical characteristics

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 9 poles

接插体/Inserts

工作电流/Working current 5A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 50V

测试电压/Test voltage urms 0.8KV

污染等级/Pollutiion degree 3◎

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...125°C

阻燃等级 (据UL94) V0
Flammability acc.to UI94

可拔插次数 ≥ 500
Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银

Hard silver-plated

镀金

Hard gold-plated

接触电阻/Contact resistance $\leq 1m\Omega$

接线形式/Terminal 冷压接线
Crimp terminal

RJ45 模块技术特性
RJ45 MODULE TECHNICAL CHARACTERISTICS

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数
Number of contacts 8 poles

接插体/Inserts

工作电流/Working current 1A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 50V

测试电压/Test voltage urms 0.8KV

污染等级/Pollutiion degree 3◎

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polycarbonate

工作温度范围
Temperature range -40°C...+85°C

阻燃等级 (据UL94) V0
Flammability acc.to UI94

可拔插次数 ≥ 500
Mechanical working life-mating cycles

RJ45模块端子/Module with RJ45 terminal

材料/Material Polycarbonate

工作温度范围 -40°C...+70°C

阻燃等级 (据UL94) V0

Flammability acc.to UI94

压线范围/Stranded wire diameter 0.89-0.99mm

线宽/Wire gauge AWG24-26

材料/Material Polycarbonate

工作温度范围 -40°C...+70°C

阻燃等级 (据UL94) V0

Flammability acc.to UI94

压线范围/Stranded wire diameter 0.94-1.07mm

线宽/Wire gauge AWG22-24

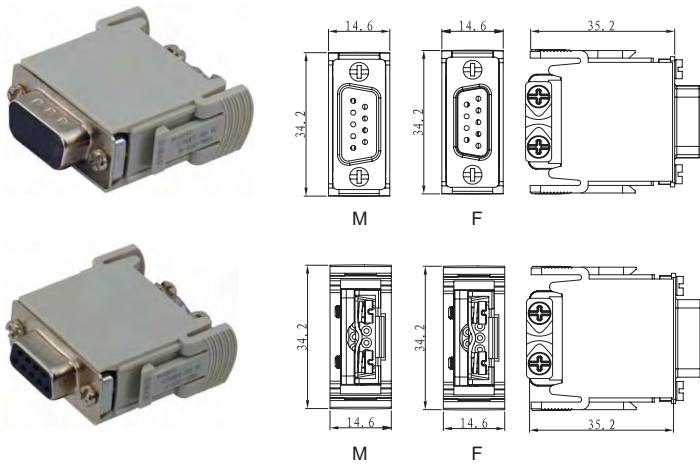
冷压接线/Crimp terminal

9Poles & 8Poles

外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

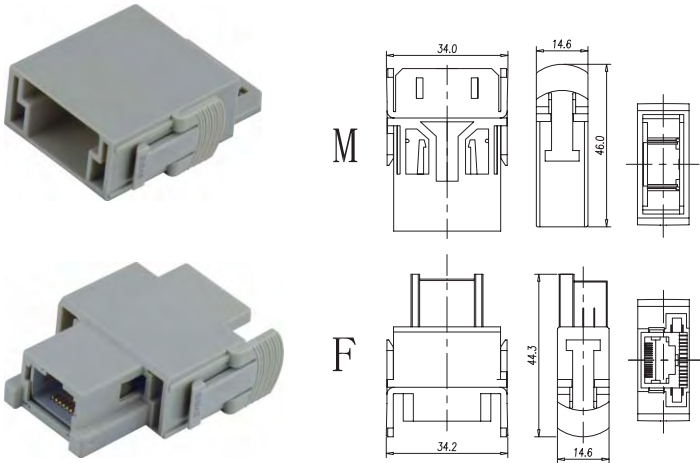
尺寸图/Size chart



订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 109 2101	2 11 109 2201	HMN-009-M HMN-009-F
2 11 300 0101		HMN-RJ45-M HMN-RJ45-F

HMN

尺寸图/Size chart



规范/Specifications

DIN EN 60 664-1
DIN EN 61 984

接插件针数

Number of contacts

3+4 poles

接插体/Inserts

工作电流/Working current

40A max

10A max

(见电流负载图/See current carrying capacity)

工作电压/Working voltage

830V

测试电压/Test voltage urms

8KV

污染等级/Pollution degree

3◎

隔离电阻/Insulation resistance

 $\geq 10^{10}\Omega$

材料/Material

Polycarbonate

工作温度范围

Temperature range

-40°C...+125°C

阻燃等级 (据UL94)

V0

Flammability acc.to UL94

据UL/CSA工作电压

600V

Working voltage acc.to UL/CSA

可拔插次数

 ≥ 500

Mechanical working life-mating cycles

接插针/Contacts

材料/Material

铜/Copper alloy

表面处理/Surface

镀银/Hard silver-plated

镀金/Hard gold-plated

接触电阻/Contact resistance

 $\leq 0.3m\Omega$ $\leq 3m\Omega$

接线形式/Terminal

冷压接线

Crimp terminal

-mm²1.5-6mm²0.14-2.5mm²

-AWG

16-10

26-14

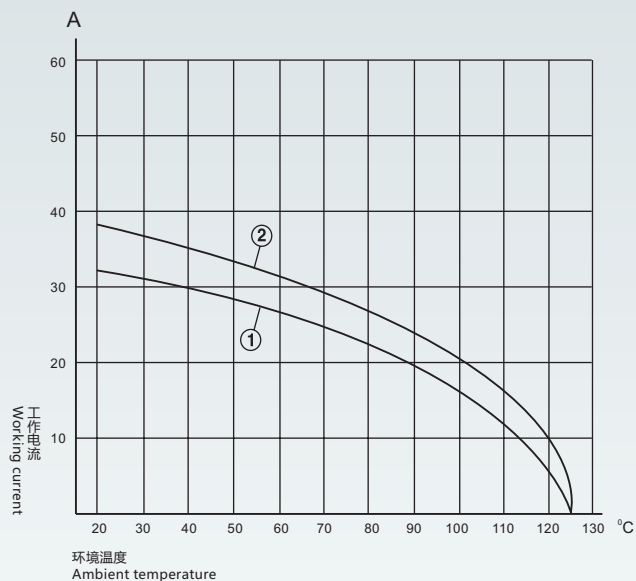
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



① 装有6个模块的H24B外壳,接线线径:4mm²
H24B hood/housing with 6 modules;wire gauge:4mm²

② 装有6个模块的H24B外壳,接线线径:6mm²
H24B hood/housing with 6 modules;wire gauge:6mm²

冷压接线/Crimp terminal

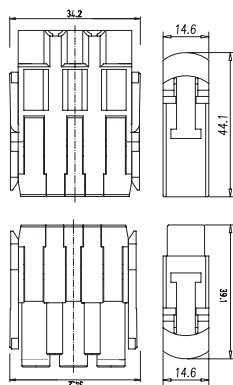
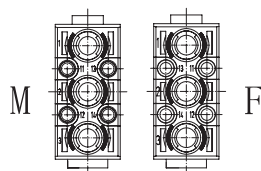
3/4Poles

830V max.40A

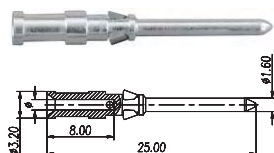
830V max.10A

外型尺寸(mm)/Dimensions(mm)	订货号/Order NO.		型号 Type
	公接插件/Male insert	母接插件/Female insert	
冷压接 (冷压针需单独订购) Crimp terminal(Order crimp contacts separately) 	2 11 007 2101	2 11 007 2201	HMN-3/4-M
			HMN-3/4-F

尺寸图/Size chart

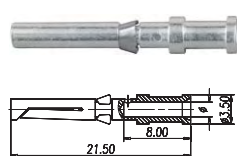
接插件排序/Contact arrangement
view from termination side

插针/Male 10A



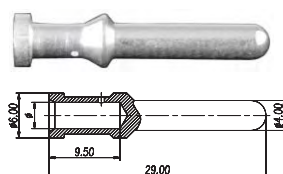
线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female 10A



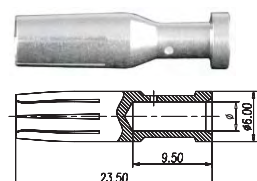
线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

插针/Male 40A



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMM-1.5	2 04 000 1015	DMM-1.5	2 04 001 1015
2.5mm ²	AWG14	8.0mm	CMM-2.5	2 04 000 1025	DMM-2.5	2 04 001 1025
4.0mm ²	AWG12	8.0mm	CMM-4.0	2 04 000 1040	DMM-4.0	2 04 001 1040
6.0mm ²	AWG10	8.0mm	CMM-6.0	2 04 000 1060	DMM-6.0	2 04 001 1060
10mm ²	AWG7	8.0mm	CMM-10	2 04 000 1100	DMM-10	2 04 001 1100

插孔/Female 40A



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
1.5mm ²	AWG16	8.0mm	CMF-1.5	2 04 000 2015	DMF-1.5	2 04 001 2015
2.5mm ²	AWG14	8.0mm	CMF-2.5	2 04 000 2025	DMF-2.5	2 04 001 2025
4.0mm ²	AWG12	8.0mm	CMF-4.0	2 04 000 2040	DMF-4.0	2 04 001 2040
6.0mm ²	AWG10	8.0mm	CMF-6.0	2 04 000 2060	DMF-6.0	2 04 001 2060
10mm ²	AWG7	8.0mm	CMF-10	2 04 000 2100	DMF-10	2 04 001 2100

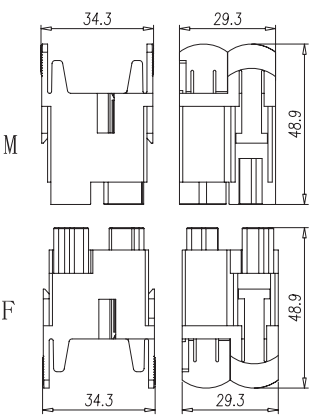
冷压接线/Crimp terminal

2Poles

外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

尺寸图/Size chart



HMN

Quintax 1-pos

适配16A冷压针
For 16A crimp contacts



Quintax 4-pos

适配10A冷压针
For 10A crimp contacts



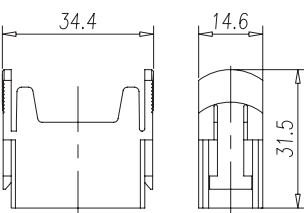
Quintax 8-pos

适配D-Sub冷压针
For D-Sub crimp contacts



订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 102 7101	2 11 102 7201	HMN-Q2-M HMN-Q2-F
2 58 001 1154	2 58 001 2154	PIN-Q1-M PIN-Q1-F
2 58 003 1154	2 58 003 2154	PIN-Q2-M PIN-Q2-F
2 58 008 1154	2 58 008 2154	PIN-Q3-M PIN-Q3-F

1

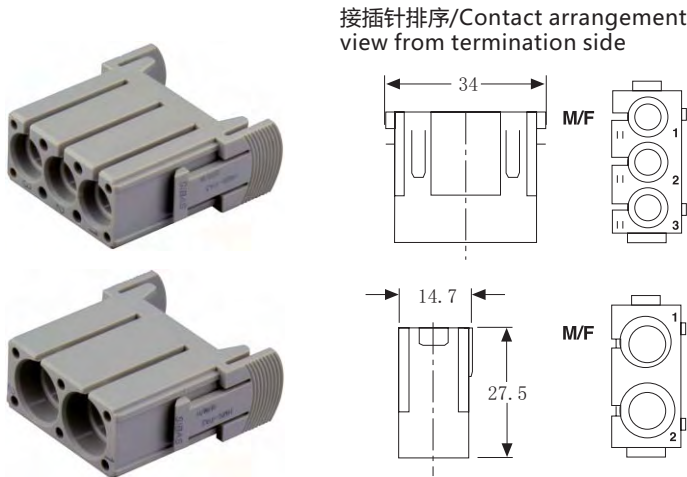
外型尺寸(mm)/Dimensions(mm)	订货号/Order NO.		型号 Type
	公接插件/Male insert	母接插件/Female insert	
尺寸图/Size chart 	3 11 000 9902		HMN-DM

HMN

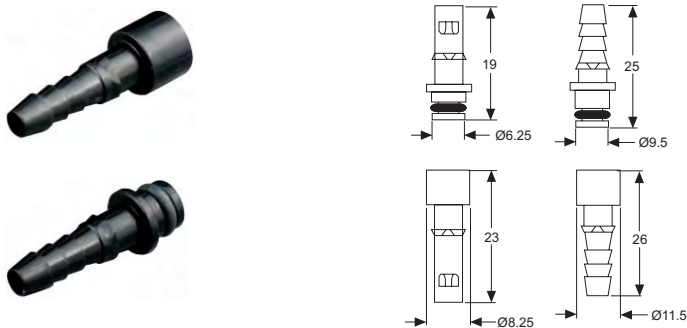
气动接插模块，具有2孔和3孔
Pneumatic contacts, modular units, with 2 or 3 seats

P2,P3

外型尺寸(mm)/Dimensions(mm)



带封闭气伐及不带封闭气阀的气动接插针
Pneumatic contacts with or without closing valve



不带封闭气阀的公接插针

Male contacts without closing valve

内部管径为Ø1.6mm/For tubes with internal Ø1.6mm
内部管径为Ø3.0mm/For tubes with internal Ø3.0mm
内部管径为Ø4.0mm/For tubes with internal Ø4.0mm
内部管径为Ø6.0mm/For tubes with internal Ø6.0mm

不带封闭气阀的母接插针

Female contacts without closing valve

内部管径为Ø1.6mm/For tubes with internal Ø1.6mm
内部管径为Ø3.0mm/For tubes with internal Ø3.0mm
内部管径为Ø4.0mm/For tubes with internal Ø4.0mm
内部管径为Ø6.0mm/For tubes with internal Ø6.0mm

带封闭气阀的母接插针

Female contacts with closing valve

内部管径为Ø1.6mm/For tubes with internal Ø1.6mm
内部管径为Ø3.0mm/For tubes with internal Ø3.0mm
内部管径为Ø4.0mm/For tubes with internal Ø4.0mm
内部管径为Ø6.0mm/For tubes with internal Ø6.0mm

公接插针（在接插时不带封闭气阀）

Male contacts (use contacts without closing valve)

订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 11 103 2301	2 11 103 2302	HMN-PA3-M HMN-PA3-F
2 11 102 2301	2 11 102 2302	HMN-PA2-M HMN-PA2-F
2 09 000 2101	2 09 000 2201	Pneu-c-M1.6
2 09 000 2102	2 09 000 2202	Pneu-c-M3.0
2 09 000 2103	2 09 000 2203	Pneu-c-M4.0
2 09 000 2104	2 09 000 2204	Pneu-c-M6.0
	2 09 001 2201	Pneu-c-Fw1.6
	2 09 001 2202	Pneu-c-Fw3.0
	2 09 001 2203	Pneu-c-Fw4.0
	2 09 001 2204	Pneu-c-Fw6.0