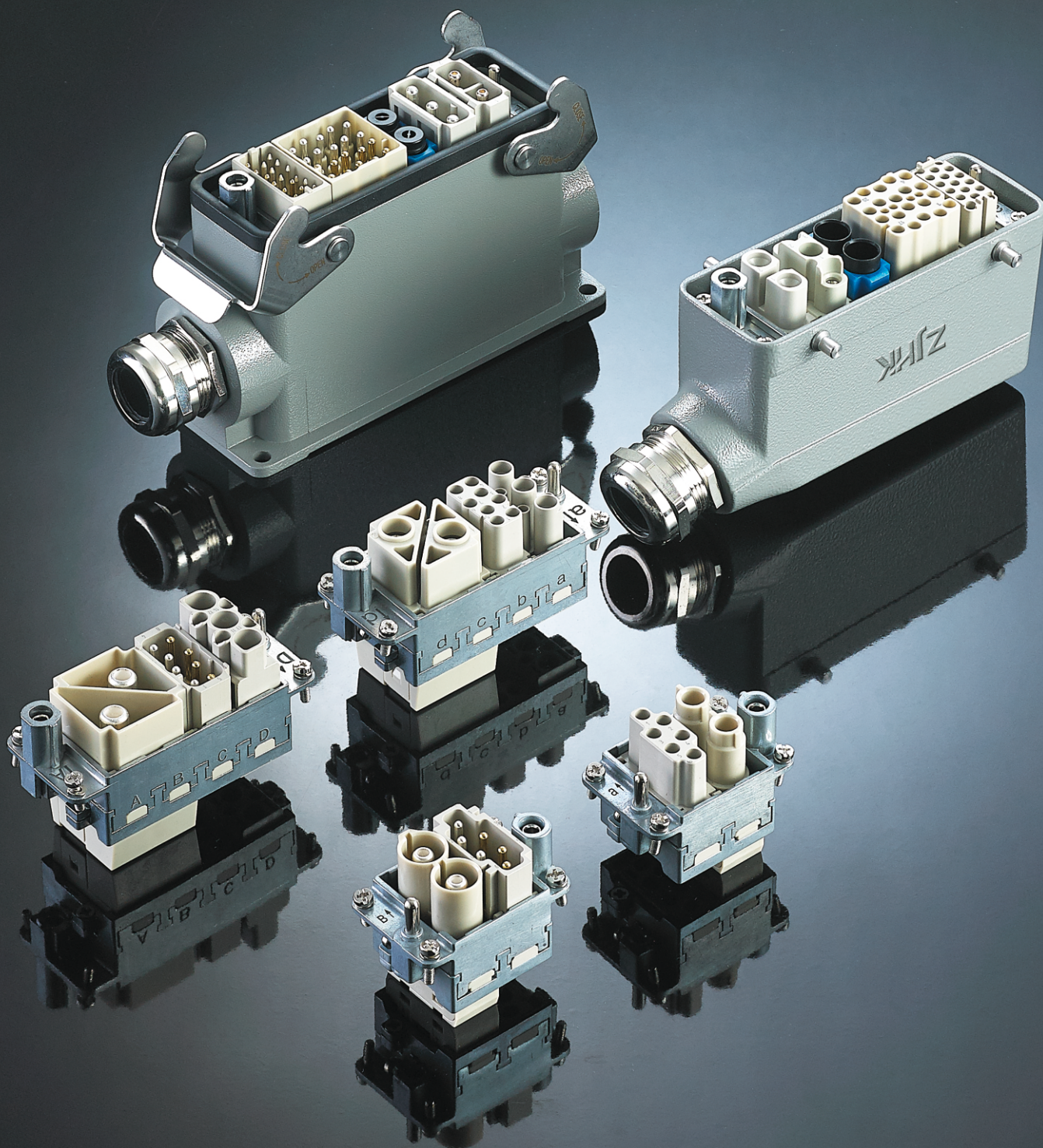


HM 系列 / HM SERIES

灵活多变的模块组合型连接器 / Flexible and combined connector




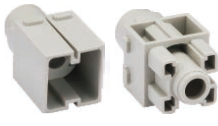



HM章节概要 Summary


模块一览 Module list

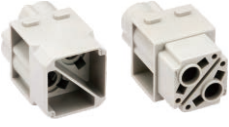
尺寸 Unit : 单位mm


 <p>H2MK-001-M H2MK-001-F</p>	插芯 Insert	200A 轴向压接型模块 200A Axial module
	插针数 Contacts	1
	连接方式 Terminal	轴向螺栓连接 Axial screw terminal
	额定电流 Rated current	200A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	25-70mm ²


 <p>H2MK-001-MC H2MK-001-FC</p>	插芯 Insert	200A 冷压型模块 200A Crimp module
	插针数 Contacts	1
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	200A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	25-70mm ²


 <p>HMK-001-MC HMK-001-FC</p>	插芯 Insert	100A 冷压型模块 100A Crimp module
	插针数 Contacts	1
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	100A
	额定电压 Rated voltage	830V
	线径 Wire gauge	10-35mm ²


 <p>H2MK-002-M H2MK-002-F</p>	插芯 Insert	100A 轴向压接型模块 100A Axial module
	插针数 Contacts	2
	连接方式 Terminal	轴向螺栓连接 Axial screw terminal
	额定电流 Rated current	100A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	10-35mm ²


 <p>H2MK-002-MC H2MK-002-FC</p>	插芯 Insert	100A 冷压型模块 100A Crimp module
	插针数 Contacts	2
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	100A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	10-35mm ²


 <p>HMK70-002-M HMK70-002-F</p>	插芯 Insert	70A 冷压型模块 70A Axial module
	插针数 Contacts	2
	连接方式 Terminal	轴向螺栓连接 Axial screw terminal
	额定电流 Rated current	70A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	6-22mm ²


 <p>HMK70-002-MC HMK70-002-FC</p>	插芯 Insert	70A 冷压型模块 70A Crimp module
	插针数 Contacts	2
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	70A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	10-25mm ²

 <p>HMK-002-M HMK-002-F</p>	插芯 Insert	40A 轴向压接型模块 40A Axial module
	插针数 Contacts	2
	连接方式 Terminal	轴向螺栓连接 Axial screw terminal
	额定电流 Rated current	40A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	2.5-10mm ²

 <p>HMK-002-MC HMK-002-FC</p>	插芯 Insert	40A 冷压型模块 40A Crimp module
	插针数 Contacts	2
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	40A
	额定电压 Rated voltage	1000V
	线径 Wire gauge	1.5-10mm ²

 <p>HMK-003-M HMK-003-F</p>	插芯 Insert	40A 轴向压接型模块 40A Axial module
	插针数 Contacts	3
	连接方式 Terminal	轴向螺栓连接 Axial screw terminal
	额定电流 Rated current	40A
	额定电压 Rated voltage	690V
	线径 Wire gauge	2.5-10mm ²


 <p>HMK-003-MC HMK-003-FC</p>	插芯 Insert	40A 冷压型模块 40A Crimp module
	插针数 Contacts	3
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	40A
	额定电压 Rated voltage	500V
	线径 Wire gauge	1.5-10mm ²


 <p>HMK-003/4-MC HMK-003/4-FC</p>	插芯 Insert	40/10A 冷压型模块 40/10A Crimp module
	插针数 Contacts	3/4
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	40A/10A
	额定电压 Rated voltage	830V
	线径 Wire gauge	1.5-6mm ² /0.37-2.5mm ²

HM章节概要 Summary


结构框架类型 Construction Frame Version


尺寸 Unit : 单位mm

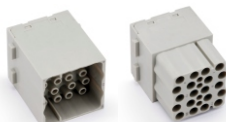
	插芯 Insert	40A 冷压型模块 40A Crimp module
	插针数 Contacts	4
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	40A
	额定电压 Rated voltage	830V
	线径 Wire gauge	1.5-6mm ²
	HMK-004-MC HMK-004-FC	


	插芯 Insert	16A 弹片型模块 16A Cage-clamp module
	插针数 Contacts	5
	连接方式 Terminal	笼式弹片连接 Cage clamp terminal
	额定电流 Rated current	16A
	额定电压 Rated voltage	400V
	线径 Wire gauge	0.14-2.5mm ²
	HME-005-MS HME-005-FS	


	插芯 Insert	16A 冷压型模块 16A Crimp module
	插针数 Contacts	6
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	16A
	额定电压 Rated voltage	500V
	线径 Wire gauge	0.14-4mm ²
	HME-006-MC HME-006-FC	


	插芯 Insert	16A 防护型模块 16A Protected module
	插针数 Contacts	6
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	16A
	额定电压 Rated voltage	830V
	线径 Wire gauge	0.14-4mm ²
	HVME-006-MC HVME-006-FC	


	插芯 Insert	16A 冷压型模块 16A Crimp module
	插针数 Contacts	8
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	16A
	额定电压 Rated voltage	400V
	线径 Wire gauge	0.14-4mm ²
	HMEE-008-MC HMEE-008-FC	


	插芯 Insert	16A 冷压型模块 16A Crimp module
	插针数 Contacts	20
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	16A
	额定电压 Rated voltage	500V
	线径 Wire gauge	0.14-4mm ²
	H2MEE-020-MC H2MEE-020-FC	



	插芯 Insert	10A 冷压型模块 10A Crimp module
	插针数 Contacts	12
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	10A
	额定电压 Rated voltage	250V
	线径 Wire gauge	0.14-2.5mm ²
	HMD-012-MC HMD-012-FC	

	插芯 Insert	10A 冷压型模块 10A Crimp module
	插针数 Contacts	17
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	10A
	额定电压 Rated voltage	160V
	线径 Wire gauge	0.14-2.5mm ²
	HMDD-017-MC HMDD-017-FC	

	插芯 Insert	5A D-Sub模块 5A D-Sub module
	插针数 Contacts	9
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	5A
	额定电压 Rated voltage	50V
	线径 Wire gauge	0.09-0.82mm ²
	HMDS-009-MC HMDS-009-FC	

	插芯 Insert	4A 高密度型模块 4A High Density module
	插针数 Contacts	25
	连接方式 Terminal	冷压连接 Crimp terminal
	额定电流 Rated current	4A
	额定电压 Rated voltage	50V
	线径 Wire gauge	0.09-0.52mm ²
	HMDS-025-MC HMDS-025-FC	






	插芯 Insert	1A RJ45模块 1A RJ45 module
	插针数 Contacts	8
	连接方式 Terminal	用于接电缆 Module for patch cable
	额定电流 Rated current	1A
	额定电压 Rated voltage	50V
	线径 Wire gauge	
	HM-RJ45-M HM-RJ45-F	

气动模块 Pneumatic module		气动模块 Pneumatic module	
2		3	
			
HMP-002 $\phi 6$ mm		HMP-003 $\phi 1.6$ mm $\phi 3.0$ mm $\phi 4.0$ mm	

Hm组合型模块 Modular connectors

模块一览 Module list

尺寸 Unit : 单位mm

产品系列 Series 连接方式 Terminal	H2M-002 冷压连接 Crimp terminal	EMC-001 冷压连接 Crimp terminal	EMC-004 冷压连接 Crimp terminal	EMC-008 冷压连接 Crimp terminal	APT-H2MQ
					
额定电流 Rated current 额定电压 Rated voltage 线规 Wire gauge		16A 50V 0.09-2.5mm ²	10A 50V 0.09-2.5mm ²	5A 50V 0.09-0.52mm ²	Q-Coax金属适配器 Adapter



HM模块框架 Hinged Frames

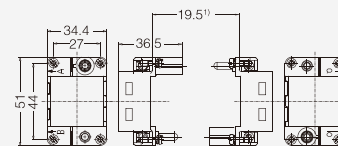
结构框架类型 Construction Frame Version

尺寸 Unit: 单位mm

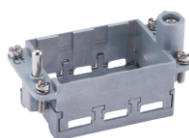
6B 活动框架 适用所有6B外壳 / 6B frame, size 6B hoods/housings



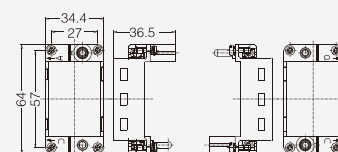
描述 Description	标示 Marking	型号 Type	订货号 Part Number
用于2个模块 for 2 modules	A-B	HF6B-NUA	09140060303
用于2个模块 for 2 modules	a-b	HF6B-NLA	09140060313



10B 活动框架 适用所有10B外壳 / 10B frame, size 10B hoods/housings



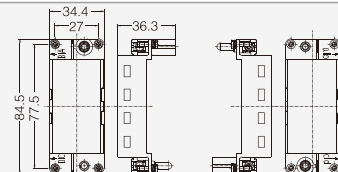
描述 Description	标示 Marking	型号 Type	订货号 Part Number
用于3个模块 for 3 modules	A-C	HF10B-NUA	09140100303
用于3个模块 for 3 modules	a-c	HF10B-NLA	09140100313



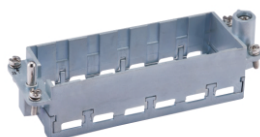
16B 活动框架 适用所有16B外壳 / 16B frame, size 16B hoods/housings



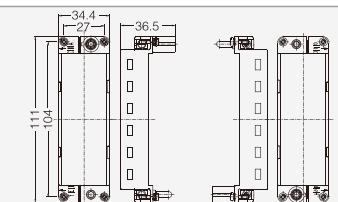
描述 Description	标示 Marking	型号 Type	订货号 Part Number
用于4个模块 for 4 modules	A-D	HF16B-NUA	09140160303
用于4个模块 for 4 modules	a-d	HF16B-NLA	09140160313



24B 活动框架 适用所有24B外壳 / 24B frame, size 24B hoods/housings



描述 Description	标示 Marking	型号 Type	订货号 Part Number
用于6个模块 for 6 modules	A-F	HF24B-NUA	09140240303
用于6个模块 for 6 modules	a-f	HF24B-NLA	09140240313



空置模块 / Filling module

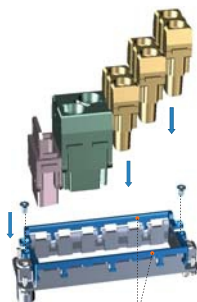


描述 Description	型号 Type	订货号 Part Number
用于填充固定框架内剩余的模块空间	HM-000	09140009950

模块拆装示意图 Modules Dismounting Instructions

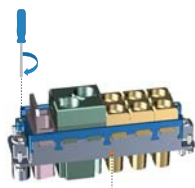
装配示意图 Assembly instructions

拆卸过程反之 Disassembly process is on the contrary.



装配前松开滑动边框

Loosen sliding border before assembly



装配好模块后, 闭合滑动边框, 锁上螺丝

After finished assembly, close sliding border, lock screw

09-05



H2MK-001 轴向压接型模块 Axial Module 1000V 200A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	1
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 额定电流	- Rated Current	200A
- 额定电压	- Rated Voltage	1000V
- 额定脉冲电压	- Rated Impulse Voltage	8kV
- 污染程度	- Pollution Degree	3
依据 UL/CSA 额定电压	Rated Voltage Acc. to UI CSA	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	0.2m Ω
电缆绞线依据 IEC 60 228-5	To IEC 60 228 Class 5	
轴向螺栓连接	Axial Screw Terminal	
- mm ²	- mm ²	25-70mm ²
- AWG	- AWG	2-0
- 内六角扳手	- Hexagonal Driver	SW 5
- 剥线长度	- Stripping length	16mm
- 拧紧力矩	- Tightening Torque	
- mm ²	- mm ²	25 35 50 70
- Nm	- Nm	8 8 9 10

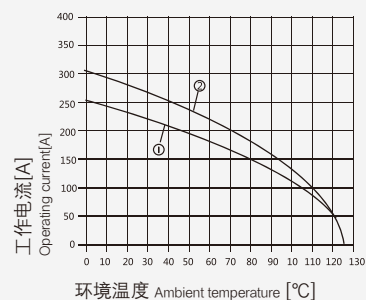
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

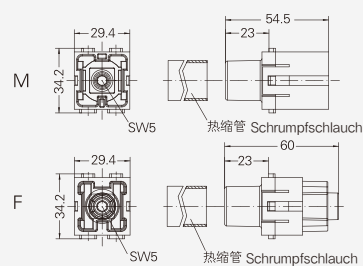
Measuring and testing techniques according to DIN EN 60512-5

① 24B外壳带3个模块，导线截面：50mm²② 24B外壳带3个模块，导线截面：70mm²① 24 B hoods/housings with 3 modules, wire gauge:50mm²② 24 B hoods/housings with 3 modules, wire gauge:70mm²

轴向螺栓连接 Axial Screw Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H2MK-001.1-M(25-40mm ²)	09140012663
	H2MK-001.2-M(40-70mm ²)	09140012662
母 Female	H2MK-001.1-F(25-40mm ²)	09140012763
	H2MK-001.2-F(40-70mm ²)	09140012762



附件 Accessories

工具 Tools

内六角扳手
Hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带T型把手 For Axial Setscrew With Grip	SW-5x150	09990000364



H2MK-001 冷压型模块 Crimp Module 1000V 200A

插芯 Inserts



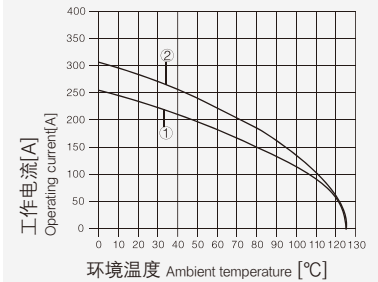
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	1
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 额定电流	- Rated Current	200A
- 额定电压	- Rated Voltage	1000V
- 额定脉冲电压	- Rated Impulse Voltage	8kV
- 污染程度	- Pollution Degree	3
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.3m\Omega$
冷压连接	Crimp Terminal	
- mm ²	- mm ²	25-70mm ²
剥线长度	Stripping length	22.5mm
最大电缆直径	Max. insulation diameter	18mm

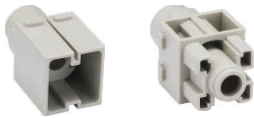
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

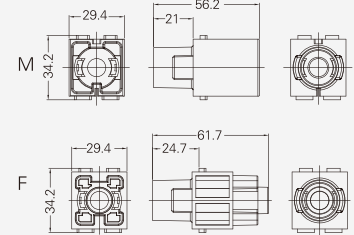


- ① 24B外壳带3个模块，导线截面：50mm²
- ② 24B外壳带3个模块，导线截面：70mm²
- ① 24 B hoods/housings with 3 modules, wire gauge:50mm²
- ② 24 B hoods/housings with 3 modules, wire gauge:70mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H2MK-001-MC	09140013001
母 Female	H2MK-001-FC	09140013101



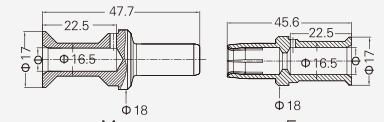
附件 Accessories

200A 冷压针 Crimp contacts

接触电阻 $\leq 0.3 m\Omega$
Contact resistance $\leq 0.3 m\Omega$
镀银 silver plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CHSM200-25	09110006120	CHSF200-25	09110006220
CHSM200-35	09110006121	CHSF200-35	09110006221
CHSM200-50	09110006122	CHSF200-50	09110006222
CHSM200-70	09110006123	CHSF200-70	09110006223



导线截面 Wire gauge	φ	剥线长度 Stripping length
25 mm ²	7	22.5 mm
35 mm ²	8.2	22.5 mm
50 mm ²	10	22.5 mm
70 mm ²	11.5	22.5 mm

电缆绞线依据 IEC 60 228-5
for stranded wire according to IEC 60 228 Class 5

工具 Tools

液压钳
Manual hydraulic clamp



压接线径 Wire gauge	型号 Type	订货号 Part Number
10-240mm ²	TL05	09990000385



HMK-001 冷压型模块 Crimp Module 830V 100A

插芯 Inserts



可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

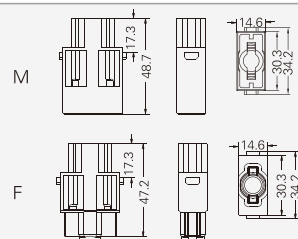
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	1
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-额定电流	-Rated Current	100A
-额定电压	-Rated Voltage	830V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
绝缘电阻	Insulation Resistance	$\geq 10^{10}\Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94 的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
最大电缆直径	Max. insulation diameter	13mm
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.3m\Omega$
冷压连接	Crimp Terminal	
- mm ²	- mm ²	10-35mm ²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK-001-MC	09140013003
母 Female	HMK-001-FC	09140013103



附件 Accessories

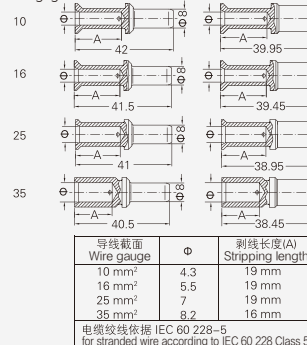
100A 冷压针 Crimp contacts

接触电阻 $\leq 0.3 m\Omega$
Contact resistance $\leq 0.3 m\Omega$
镀银 silver plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CKSM-10	09110006114	CKSF-10G	09110006214
CKSM-16	09110006116	CKSF-16G	09110006216
CKSM-25	09110006125	CKSF-25G	09110006225
CKSM-35	09110006135	CKSF-35G	09110006235

线规 Wire gauge(mm²)



工具 Tools

液压钳
Manual hydraulic clamp



压接线径 Wire gauge	型号 Type	订货号 Part Number
10-240mm ²	TL05	09990000385

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
100A 冷压针 Crimp contacts	TL11	09990000383



H2MK-002 轴向压接型模块 Axial Module 1000V 100A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范 规范	Specifications Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-额定电流	-Rated Current	100A
-额定电压	-Rated Voltage	1000V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
依据UL的额定电压	Rated Voltage Acc.to UI	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	0.3m Ω
电缆绞线依据IEC 60 228-5	To IEC 60 228 Class 5	
轴向螺栓连接	Axial Screw Terminal	
- mm ²	-mm ²	10-38mm ²
- AWG	-AWG	6-2
- 内六角扳手	-Hexagonal Driver	SW 4
- 剥线长度	-Stripping length	13mm
- 拧紧力矩	-Tightening Torque	
- mm ²	- mm ²	10 16 25 35
- Nm	- Nm	6 6 7 8

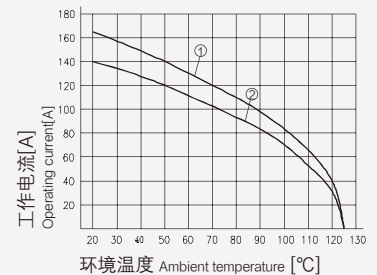
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

Measuring and testing techniques according to DIN EN 60512-5



① 24B外壳带3个模块, 导线截面: 35mm²

② 24B外壳带3个模块, 导线截面: 25mm²

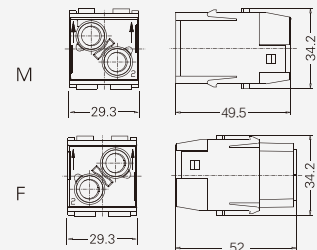
① 24 B hoods/housings with 3 modules, wire gauge:35mm²

② 24 B hoods/housings with 3 modules, wire gauge:25mm²

轴向螺栓连接 Axial Screw Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H2MK-002.1-M(10-25mm ²)	09140022653
	H2MK-002.2-M(16-35mm ²)	09140022651
	H2MK-002.1-M(38mm ²)	09140022650
母 Female	H2MK-002.1-F(10-25mm ²)	09140022753
	H2MK-002.2-F(16-35mm ²)	09140022751
	H2MK-002.1-F(38mm ²)	09140022750

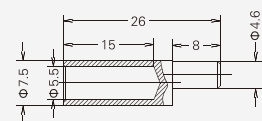


附件 Accessories

电缆终端 Cable shoe 16mm²



描述 Description	型号 Type	订货号 Part Number
用于PE扩展 For PE extension	PE-E16	09140009912

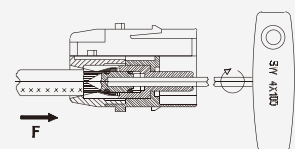


工具 Tools

内六角扳手 Hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带T型把手 For Axial Setscrew With Grip	SW-4x100	0999000363





H2MK-002 冷压型模块 Crimp Module 1000V 100A

插芯 Inserts



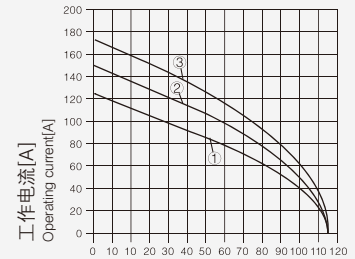
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-额定电流	-Rated Current	100A
-额定电压	-Rated Voltage	1000V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
绝缘电阻	Insulation Resistance	$\geq 10^{10}\Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.3m\Omega$
冷压连接	Crimp Terminal	
- mm ²	- mm ²	10-35mm ²
最大电缆直径	Max. insulation diameter	14mm

电流负载能力 Current Carrying Capacity

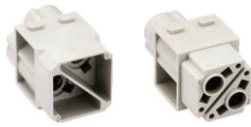
电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5



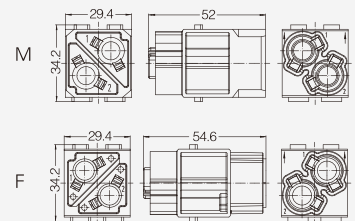
环境温度 Ambient temperature [°C]

- ① 24B外壳带3个模块, 导线截面: 16mm²
- ② 24B外壳带3个模块, 导线截面: 25mm²
- ③ 24B外壳带3个模块, 导线截面: 35mm²
- ① 24 B hoods/housings with 3 modules, wire gauge:16mm²
- ② 24 B hoods/housings with 3 modules, wire gauge:25mm²
- ③ 24 B hoods/housings with 3 modules, wire gauge:35mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H2MK-002-MC	09140023051
母 Female	H2MK-002-FC	09140023151



附件 Accessories

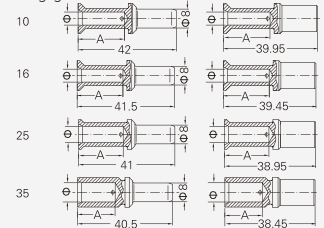
100A 冷压针 Crimp contacts

接触电阻 $\leq 0.3 m\Omega$
Contact resistance $\leq 0.3 m\Omega$
镀银 silver plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CKSM-10	09110006114	CKSF-10G	09110006214
CKSM-16	09110006116	CKSF-16G	09110006216
CKSM-25	09110006125	CKSF-25G	09110006225
CKSM-35	09110006135	CKSF-35G	09110006235

线规 Wire gauge(mm²)



导线截面 Wire gauge	Φ	剥线长度(A) Stripping length
10 mm ²	4.3	19 mm
16 mm ²	5.5	19 mm
25 mm ²	7	19 mm
35 mm ²	8.2	16 mm

电绞线依据 IEC 60 228-5
for stranded wire according to IEC 60 228 Class 5

工具 Tools

液压钳
Manual hydraulic clamp



压接线径 Wire gauge	型号 Type	订货号 Part Number
10-240mm ²	TL05	09990000385

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
100A 冷压针 Crimp contacts	TL07	09990000383



HMK70-002 轴向压接型模块 Axial Module 1000V 70A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 额定电流	- Rated Current	70A
- 额定电压	- Rated Voltage	1000V
- 额定脉冲电压	- Rated Impulse Voltage	8kV
- 污染程度	- Pollution Degree	3
依据 UL 的额定电压	Rated Voltage Acc. to UL	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	0.5m Ω
电缆绞线依据 IEC 60 228-5	To IEC 60 228 Class 5	
轴向螺栓连接	Axial Screw Terminal	
- mm ²	- mm ²	6-22mm ²
- AWG	- AWG	8-4
- 内六角扳手	- Hexagonal Driver	SW 2.5
- 剥线长度	- Stripping length	
- mm ²	- mm ²	6 10 16 22
- mm	- mm	11 ⁺¹ 11 ⁺¹ 11 ⁺¹ 12.5 ⁺¹
- 拧紧力矩	- Tightening Torque	
- mm ²	- mm ²	6 10 16 22
- Nm	- Nm	2 3 4 5

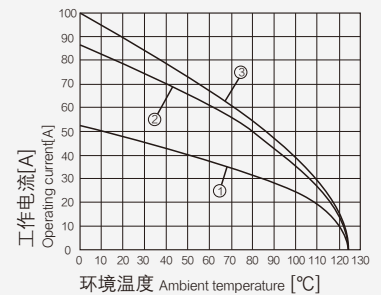
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

Measuring and testing techniques according to DIN EN 60512-5

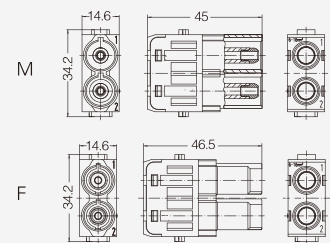


- ① 24B外壳带6个模块，导线截面：6mm²
- ② 24B外壳带6个模块，导线截面：16mm²
- ③ 24B外壳带6个模块，导线截面：22mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:6mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:16mm²
- ③ 24 B hoods/housings with 6 modules, wire gauge:22mm²

轴向螺栓连接 Axial Screw Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK70-002.1-M(6-16mm ²)	09140022646
	HMK70-002.2-M(14-22mm ²)	09140022647
母 Female	HMK70-002.1-F(6-16mm ²)	09140022741
	HMK70-002.2-F(14-22mm ²)	09140022742



附件 Accessories

工具 Tools

内六角扳手
Hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带T型把手 For Axial Setscrew With Grip	SW-2.5x100	09990000313



HMK70-002 冷压型模块 Crimp Module 1000V 70A

插芯 Inserts


 可与框架及其他所有模块产品组合使用
 Combination with hinged frame and other modules possible.

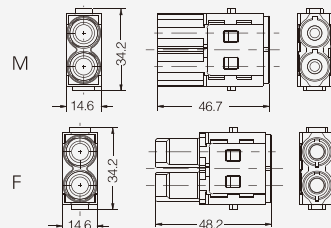
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 额定电流	- Rated Current	70A
- 额定电压	- Rated Voltage	1000V
- 额定脉冲电压	- Rated Impulse Voltage	8kV
- 污染程度	- Pollution Degree	3
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.5m\Omega$
冷压连接	Crimp Terminal	
- mm ²	- mm ²	10-25mm ²
剥线长度	Stripping length	15.5mm
最大电缆直径	Max. insulation diameter	11mm

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK70-002-MC	09140022761
母 Female	HMK70-002-FC	09140022762

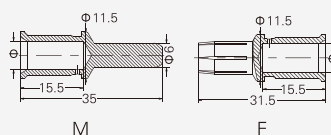


附件 Accessories

70A 冷压针 Crimp contacts

 接触电阻 $\leq 0.5 m\Omega$
 Contact resistance $\leq 0.5 m\Omega$
 镀银 silver plated


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CKSM70-10	09320007104	CKSF70-10	09320007204
CKSM70-16	09320007105	CKSF70-16	09320007205
CKSM70-25	09320007106	CKSF70-25	09320007206



导线截面 Wire gauge	Φ	剥线长度 Stripping length
10 mm ²	4.3	15.5 mm
16 mm ²	5.5	15.5 mm
25 mm ²	7	15.5 mm

 电缆绞线依据 IEC 60 228-5
 for stranded wire according to IEC 60 228 Class 5

工具 Tools

 液压钳
 Manual hydraulic clamp


压接线径 Wire gauge	型号 Type	订货号 Part Number
10-240mm ²	TL05	09990000385



HMK-002 轴向压接型模块 Axial Module 1000V 40A

插芯 Inserts



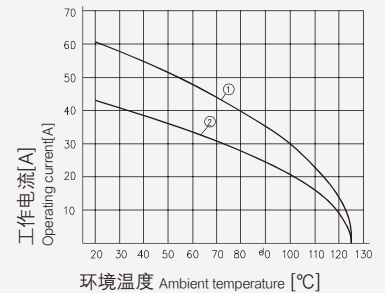
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 额定电流	- Rated Current	40A
- 额定电压	- Rated Voltage	1000V
- 额定脉冲电压	- Rated Impulse Voltage	8kV
- 污染程度	- Pollution Degree	3
依据 UL 的额定电压	Rated Voltage Acc.to UI	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	0.5m Ω
电缆绞线依据 IEC 60 228-5	To IEC 60 228 Class 5	
轴向螺栓连接	Axial Screw Terminal	
- mm ²	- mm ²	2.5-10mm ²
- AWG	- AWG	14-8
- 内六角扳手	- Hexagonal Driver	SW 2
- 剥线长度	- Stripping length	
- mm ²	- mm ²	2.5 4 6 10
- mm	- mm	5 ⁺¹ 5 ⁺¹ 8 ⁺¹ 11 ⁺¹
- 拧紧力矩	- Tightening Torque	
- mm ²	- mm ²	2.5 4 6 10
- Nm	- Nm	1.5 1.5 2 2

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

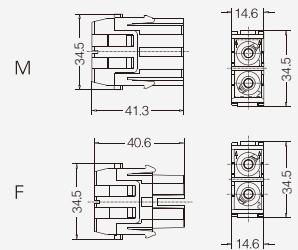


- ① 24 B 外壳带 6 个模块, 导线截面: 10mm²
- ② 24 B 外壳带 6 个模块, 导线截面: 6mm²
- ① 24 B hoods/housings with 6 modules, wire gauge: 10mm²
- ② 24 B hoods/housings with 6 modules, wire gauge: 6mm²

轴向螺栓连接 Axial Screw Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK-002.1-M(2.5-8mm ²)	09140022601
	HMK-002.2-M(6-10mm ²)	09140022602
母 Female	HMK-002.1-F(2.5-8mm ²)	09140022701
	HMK-002.2-F(6-10mm ²)	09140022702



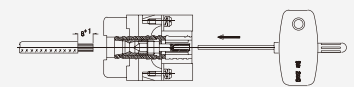
附件 Accessories

工具 Tools

内六角扳手
Hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带 T 型把手 For Axial Setscrew With Grip	SW-2x40	09990000313





HMK-002 冷压型模块 Crimp Module 1000V 40A

插芯 Inserts



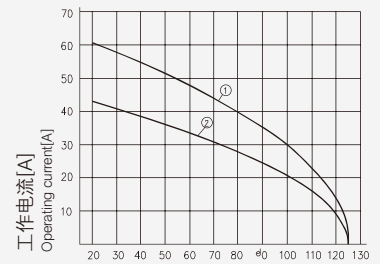
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-额定电流	-Rated Current	40A
-额定电压	-Rated Voltage	1000V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
绝缘电阻	Insulation Resistance	$\geq 10^{10}\Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94 的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.3m\Omega$
冷压连接	Crimp Terminal	
- mm ²	- mm ²	1.5-10mm ²
-AWG	-AWG	16-8

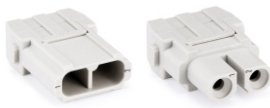
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

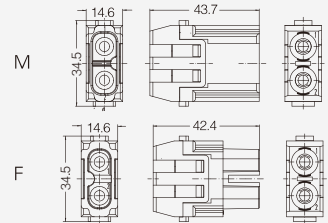


- ① 24B 外壳带6个模块, 导线截面: 10mm²
- ② 24B 外壳带6个模块, 导线截面: 6mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:10mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:6mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK-002-MC	09140023002
母 Female	HMK-002-FC	09140023102



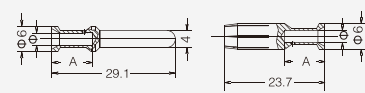
附件 Accessories

40A 冷压针 Crimp contacts

接触电阻 $\leq 0.3 m\Omega$
Contact resistance $\leq 0.3 m\Omega$
镀银 silver plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCSM-1.5	09320006104	CCSF-1.5	09320006204
CCSM-2.5	09320006105	CCSF-2.5	09320006205
CCSM-4.0	09320006107	CCSF-4.0	09320006207
CCSM-6.0	09320006108	CCSF-6.0	09320006208
CCSM-10.0	09320006109	CCSF-10.0	09320006209



导线截面 Wire gauge	Φ	剥线长度 Stripping length
1.5 mm ² AWG 16	1.75	9 mm
2.5 mm ² AWG 14	2.25	9 mm
4 mm ² AWG 12	2.85	9.6 mm
6 mm ² AWG 10	3.5	9.6 mm
10 mm ² AWG 8	4.3	15 mm

剥线长度 A=15 mm 用于电缆 ≥ 5 mm
剥线长度 A=18 mm 用于电缆 ≥ 6.4 mm
Stripping length A = 15 mm for cables ≥ 5 mm
Stripping length A = 18 mm for cables ≥ 6.4 mm

工具 Tools

冷压钳
Manual hydraulic clamp



压接线径 Wire gauge	型号 Type	订货号 Part Number
1.5-6mm ²	TL02-0G	09990000110
4/6/10mm ²	TL02-3G	09990000303

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
40A 冷压针 Crimp contacts	TL06	09990000305



HMK-003 轴向压接型模块 Axial Module 690V 40A

插芯 Inserts



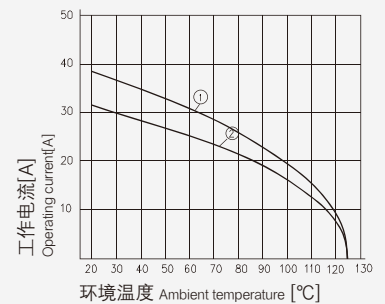
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	3
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 额定电流	- Rated Current	40A
- 额定电压	- Rated Voltage	690V
- 额定脉冲电压	- Rated Impulse Voltage	8kV
- 污染程度	- Pollution Degree	3
依据 UL 的额定电压	Rated Voltage Acc. to UL	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. To UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	0.3m Ω
电缆绞线依据 IEC 60 228-5	To IEC 60 228 Class 5	
轴向螺栓连接	Axial Screw Terminal	
- mm ²	- mm ²	2.5-10mm ²
- AWG	- AWG	14-8
- 内六角扳手	- Hexagonal Driver	SW 2
- 剥线长度	- Stripping length	
- mm ²	- mm ²	2.5 4 6 10
- mm	- mm	5 ⁺¹ 5 ⁺¹ 8 ⁺¹ 11 ⁺¹
- 拧紧力矩	- Tightening Torque	
- mm ²	- mm ²	2.5 4 6 10
- Nm	- Nm	1.5 1.5 2 2

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

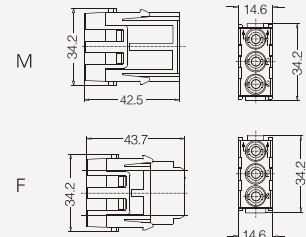


- ① 24B 外壳带6个模块，导线截面：6mm²
- ② 24B 外壳带6个模块，导线截面：4mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:6mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:4mm²

轴向螺栓连接 Axial Screw Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK-003.1-M(2.5-8mm ²)	09140032601
	HMK-003.2-M(6-10mm ²)	09140032602
母 Female	HMK-003.1-F(2.5-8mm ²)	09140032701
	HMK-003.2-F(6-10mm ²)	09140032702



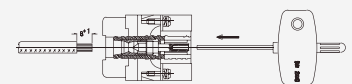
附件 Accessories

工具 Tools

内六角扳手
Hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带T型把手 For Axial Setscrew With Grip	SW-2x40	09990000313





HMK-003 冷压型模块 Crimp Module 400/690V 40A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	3
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-额定电流	-Rated Current	40A
-额定电压	-Rated Voltage	500V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
依据UL/CSA的额定电压	Rated Voltage Acc. to UL/CSA	600V
依据UL/CSA的额定电流	Rated Current Acc. to UL/CSA	32A
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.3m\Omega$
冷压连接	Crimp Terminal	
- mm ²	- mm ²	1.5-10mm ²
-AWG	-AWG	16-8

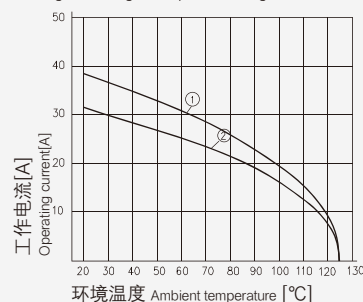
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

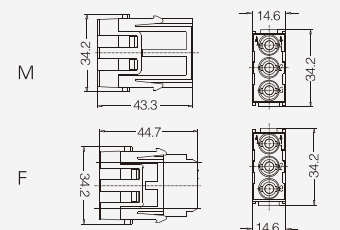
Measuring and testing techniques according to DIN EN 60512-5

① 24B外壳带6个模块，导线截面：6mm²② 24B外壳带6个模块，导线截面：4mm²① 24 B hoods/housings with 6 modules, wire gauge:6mm²② 24 B hoods/housings with 6 modules, wire gauge:4mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK-003-MC	09140033003
母 Female	HMK-003-FC	09140033103



附件 Accessories

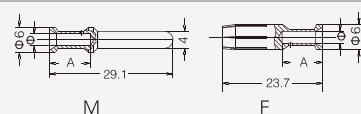
40A 冷压针 Crimp contacts

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

镀银 silver plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCSM-1.5	09320006104	CCSF-1.5	09320006204
CCSM-2.5	09320006105	CCSF-2.5	09320006205
CCSM-4.0	09320006107	CCSF-4.0	09320006207
CCSM-6.0	09320006108	CCSF-6.0	09320006208
CCSM-10.0	09320006109	CCSF-10.0	09320006209



导线截面 Wire gauge	Φ	剥线长度 Stripping length
1.5 mm ² AWG 16	1.75	9 mm
2.5 mm ² AWG 14	2.25	9 mm
4 mm ² AWG 12	2.85	9.6 mm
6 mm ² AWG 10	3.5	9.6 mm
10 mm ² AWG 8	4.3	15 mm

剥线长度 A=15 mm 用于电缆 ≥ 5 mm
 Stripping length A = 15 mm for cables ≥ 5 mm
 剥线长度 A=18 mm 用于电缆 ≥ 6.4 mm
 Stripping length A = 18 mm for cables ≥ 6.4 mm

工具 Tools

冷压钳
Manual hydraulic clamp

压接线径 Wire gauge	型号 Type	订货号 Part Number
1.5-6mm ²	TL02-0G	09990000110
4/6/10mm ²	TL02-3G	09990000303

退针器
Removal tool

适用类型 For	型号 Type	订货号 Part Number
40A 冷压针 Crimp contacts	TL06	09990000305



HMK-003/4 冷压型模块 Crimp Module 830/830V 40/10A

插芯 Inserts



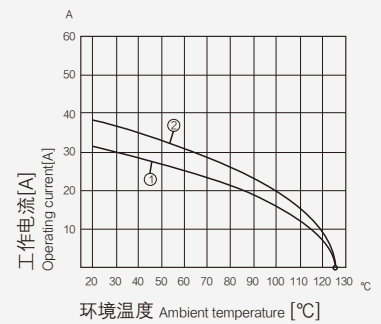
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	DIN EN 60 664
规范	Specifications	DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	3/4
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
电力区	Power Contacts	
-额定电流	-Rated Current	40A
-额定电压	-Rated Voltage	830V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
信号区	Signal Contacts	
-额定电流	-Rated Current	10A
-额定电压	-Rated Voltage	830V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
依据UL的额定电压	Rated Voltage Acc.to UI	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	
-电力区	Power Contacts	$\leq 0.3m\Omega$
-信号区	Signal Contacts	$\leq 3m\Omega$
冷压连接	Crimp terminal	
- mm ²	mm ²	
-电力区	Power Contacts	1.5-6mm ²
-信号区	Signal Contacts	0.14-2.5mm ²
- AWG	AWG	
-电力区	Power Contacts	16-10
-信号区	Signal Contacts	26-14
最大电缆直径	Max. insulation diameter	
-电力区	Power Contacts	5mm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

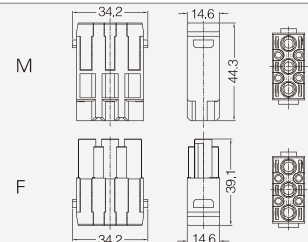


- ① 24B外壳带6个模块，导线截面：4mm²
- ② 24B外壳带6个模块，导线截面：6mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:4mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:6mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK-003/4-MC	09140073001
母 Female	HMK-003/4-FC	09140073101



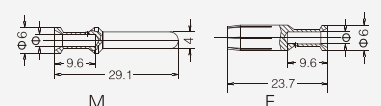
附件 Accessories

40A/10A 冷压针 Crimp contacts

接触电阻 $\leq 0.3 m\Omega$
Contact resistance $\leq 0.3 m\Omega$
镀银 silver plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCSM-1.5	09320006104	CCSF-1.5	09320006204
CCSM-2.5	09320006105	CCSF-2.5	09320006205
CCSM-4.0	09320006107	CCSF-4.0	09320006207
CCSM-6.0	09320006108	CCSF-6.0	09320006208
CCSM-10.0	09320006109	CCSF-10.0	09320006209



线规 Wire gauge	Φ	剥线长度 Stripping length
1.5 mm ²	AWG 16	1.75 9 mm
2.5mm ²	AWG 14	2.25 9 mm
4 mm ²	AWG 12	2.85 9.6 mm
6 mm ²	AWG 10	3.5 9.6 mm



HMK-004 冷压型模块 Crimp Module 830V 40A

插芯 Inserts



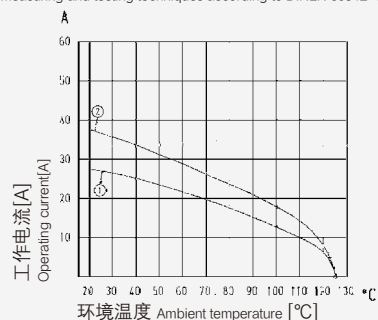
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	4
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-额定电流	-Rated Current	40A
-额定电压	-Rated Voltage	830V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
依据UL的额定电压	Rated Voltage Acc. to UL	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.3m\Omega$
冷压连接	Crimp Terminal	
- mm ²	- mm ²	1.5-6mm ²
-AWG	-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包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

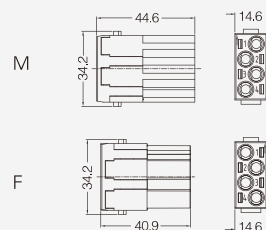


- ① 24B外壳带6个模块，导线截面：4mm²
- ② 24B外壳带6个模块，导线截面：6mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:4mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:6mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMK-004-MC	09140043041
母 Female	HMK-004-FC	09140043141



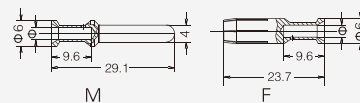
附件 Accessories

40A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 0.3m\Omega$
镀银 Silver plated



	公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCSM-1.5	09320006104	CCSF-1.5	09320006204	
CCSM-2.5	09320006105	CCSF-2.5	09320006205	
CCSM-4.0	09320006107	CCSF-4.0	09320006207	
CCSM-6.0	09320006108	CCSF-6.0	09320006208	



线规 Wire gauge	Φ	剥线长度 Stripping length
1.5 mm ² AWG 16	1.75	9 mm
2.5 mm ² AWG 14	2.25	9 mm
4 mm ² AWG 12	2.85	9.6 mm
6 mm ² AWG 10	3.5	9.6 mm

工具 Tools

冷压钳
Manual hydraulic clamp



压接线径 Wire gauge	型号 Type	订货号 Part Number
1.5-6mm ²	TL02-0G	09990000110

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
40A 冷压针 Crimp contacts	TL06	09990000305



HME-005 弹片型模块 Cage-clamp Module 400V 16A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	5
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 工作电流	- Rated Current	16A
- 工作电压	- Rated Voltage	400V
- 额定脉冲电压	- Rated Impulse Voltage	6kV
- 污染程度	- Pollution Degree	3
依据UL的额定电压	Rated Voltage Acc. to UL	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 3m\Omega$
弹片连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.14-2.5mm ²
-AWG	-AWG	26-14

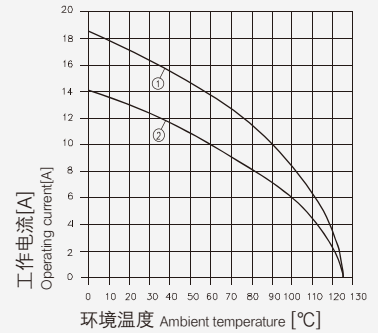
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

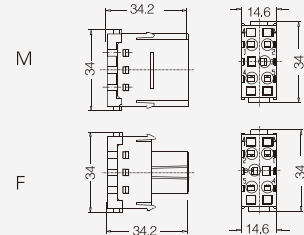
Measuring and testing techniques according to DIN EN 60512-5

① 24 B外壳带6个模块, 导线截面:2.5mm²② 24 B外壳带6个模块, 导线截面:1.5mm²① 24 B hoods/housings with 6 modules, wire gauge:2.5mm²② 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HME-005-MS	09140052616
母 Female	HME-005-FS	09140052716



HME-006 冷压型模块 Crimp Module 500V 16A

插芯 Inserts



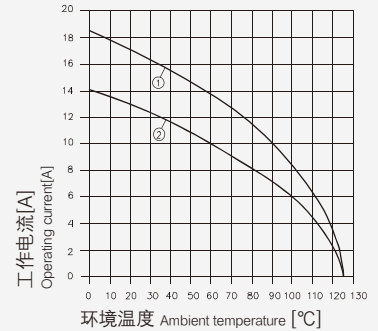
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	6
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-工作电流	-Rated Current	16A
-工作电压	-Rated Voltage	500V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
依据UL/CSA的额定电压	Rated Voltage Acc. to UL/CSA	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 1m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.14-4mm ²
-AWG	-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包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

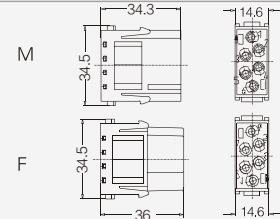


- ① 24 B外壳带6个模块，导线截面:2.5mm²
- ② 24 B外壳带6个模块，导线截面:1.5mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:2.5mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HME-006-MC	09140063001
母 Female	HME-006-FC	09140063101



附件 Accessories

16A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 1m\Omega$
镀银 Silver plated

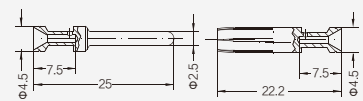


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CESM-0.37	09330006127	CESF-0.37	09330006227
CESM-0.5	09330006121	CESF-0.5	09330006220
CESM-0.75	09330006114	CESF-0.75	09330006214
CESM-1.0	09330006105	CESF-1.0	09330006205
CESM-1.5	09330006104	CESF-1.5	09330006204
CESM-2.5	09330006102	CESF-2.5	09330006202
CESM-3.0	09330006106	CESF-3.0	09330006206
CESM-4.0	09330006107	CESF-4.0	09330006207

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CEGM-0.37	09330006117	CEGF-0.37	09330006217
CEGM-0.5	09330006122	CEGF-0.5	09330006222
CEGM-0.75	09330006115	CEGF-0.75	09330006215
CEGM-1.0	09330006118	CEGF-1.0	09330006218
CEGM-1.5	09330006116	CEGF-1.5	09330006216
CEGM-2.5	09330006123	CEGF-2.5	09330006223
CEGM-4.0	09330006119	CEGF-4.0	09330006221



标识 Identification	线规 Wire gauge	剥线长度 Stripping length	
no groove	0.14-0.37mm ²	AWG 26-22	7.5mm
no groove	0.5mm ²	AWG 20	7.5mm
1 groove	0.75mm ²	AWG 18	7.5mm
1 groove	1mm ²	AWG 18	7.5mm
2 groove	1.5mm ²	AWG 16	7.5mm
3 groove	2.5mm ²	AWG 14	7.5mm
wide groove	3mm ²	AWG 12	7.5mm
no groove	4mm ²	AWG 12	7.5mm

工具 Tools

冷压钳
Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.5-4mm ²	TL02G	09990000021

压接线径: 0.14-0.37mm²请选择TL02冷压钳
Wire gauge: 0.14-0.37mm² please select TL02 Crimping tool

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
16A 冷压针 Crimp contacts	TL01	09990000059



HVME-006 防护型模块 Protected Module 830V 16A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	6
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 工作电流	- Rated Current	16A
- 工作电压	- Rated Voltage	830V
- 额定脉冲电压	- Rated Impulse Voltage	8kV
- 污染程度	- Pollution Degree	3
依据 UL/CSA 的额定电压	Rated Voltage Acc. to UL/CSA	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 1m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.14-4mm ²
- AWG	- AWG	26-12

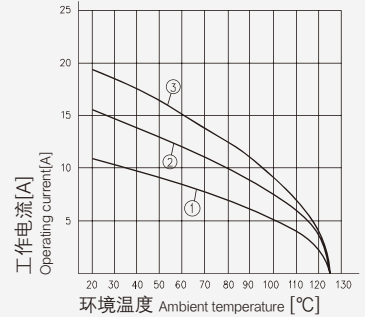
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

Measuring and testing techniques according to DIN EN 60512-5

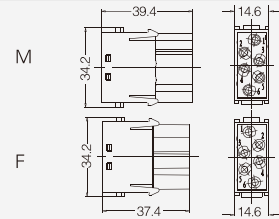


- ① 24 B外壳带6个模块, 导线截面:1.5mm²
- ② 24 B外壳带6个模块, 导线截面:2.5mm²
- ③ 24 B外壳带6个模块, 导线截面:4.0mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:1.5mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:2.5mm²
- ③ 24 B hoods/housings with 6 modules, wire gauge:4.0mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HVME-006-MC	09140063041
母 Female	HVME-006-FC	09140063141



附件 Accessories

16A 冷压针 Crimp contacts

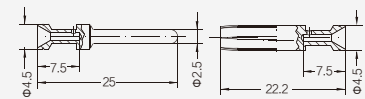
接触电阻 Contact resistance $\leq 1m\Omega$
镀银 Silver plated



镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CESM-0.37	09330006127	CESF-0.37	09330006227
CESM-0.5	09330006121	CESF-0.5	09330006220
CESM-0.75	09330006114	CESF-0.75	09330006214
CESM-1.0	09330006105	CESF-1.0	09330006205
CESM-1.5	09330006104	CESF-1.5	09330006204
CESM-2.5	09330006102	CESF-2.5	09330006202
CESM-3.0	09330006106	CESF-3.0	09330006206
CESM-4.0	09330006107	CESF-4.0	09330006207
CEGM-0.37	09330006117	CEGF-0.37	09330006217
CEGM-0.5	09330006122	CEGF-0.5	09330006222
CEGM-0.75	09330006115	CEGF-0.75	09330006215
CEGM-1.0	09330006118	CEGF-1.0	09330006218
CEGM-1.5	09330006116	CEGF-1.5	09330006216
CEGM-2.5	09330006123	CEGF-2.5	09330006223
CEGM-4.0	09330006119	CEGF-4.0	09330006221



标示 Identification	线规 Wire gauge	剥线长度 Stripping length
no groove	0.14-0.37mm ²	AWG 26-22
no groove	0.5mm ²	AWG 20
1 groove	0.75mm ²	AWG 18
1 groove	1mm ²	AWG 18
2 groove	1.5mm ²	AWG 16
3 groove	2.5mm ²	AWG 14
wide groove	3mm ²	AWG 12
no groove	4mm ²	AWG 12

工具 Tools

冷压钳
Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.5-4mm ²	TL02G	09990000021

压接线径: 0.14-0.37mm²请选择 TL02冷压钳
Wire gauge: 0.14-0.37mm² please select TL02 Crimping tool

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
16A 冷压针 Crimp contacts	TL01	09990000059

HMEE-008 冷压型模块 Crimp Module 400V 16A

插芯 Inserts



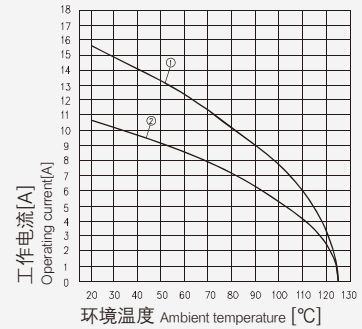
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	8
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-工作电流	-Rated Current	16A
-工作电压	-Rated Voltage	400V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
依据UL/CSA的额定电压	Rated Voltage Acc. to UL/CSA	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 1m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.14-4mm ²
-AWG	-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包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

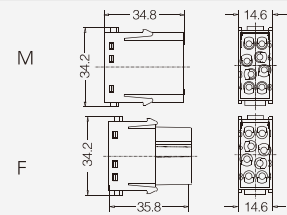


- ① 24 B外壳带6个模块, 导线截面:2.5mm²
- ② 24 B外壳带6个模块, 导线截面:1.5mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:2.5mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMEE-008-MC	09140083001
母 Female	HMEE-008-FC	09140083101



附件 Accessories

16A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 1m\Omega$
镀银 Silver plated

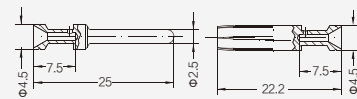


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CESM-0.37	09330006127	CESF-0.37	09330006227
CESM-0.5	09330006121	CESF-0.5	09330006220
CESM-0.75	09330006114	CESF-0.75	09330006214
CESM-1.0	09330006105	CESF-1.0	09330006205
CESM-1.5	09330006104	CESF-1.5	09330006204
CESM-2.5	09330006102	CESF-2.5	09330006202
CESM-3.0	09330006106	CESF-3.0	09330006206
CESM-4.0	09330006107	CESF-4.0	09330006207

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CEGM-0.37	09330006117	CEGF-0.37	09330006217
CEGM-0.5	09330006122	CEGF-0.5	09330006222
CEGM-0.75	09330006115	CEGF-0.75	09330006215
CEGM-1.0	09330006118	CEGF-1.0	09330006218
CEGM-1.5	09330006116	CEGF-1.5	09330006216
CEGM-2.5	09330006123	CEGF-2.5	09330006223
CEGM-4.0	09330006119	CEGF-4.0	09330006221



标示 Identification	线规 Wire gauge	剥线长度 Stripping length	
no groove	0.14-0.37mm ²	AWG 26-22	7.5mm
no groove	0.5mm ²	AWG 20	7.5mm
1 groove	0.75mm ²	AWG 18	7.5mm
1 groove	1.0mm ²	AWG 18	7.5mm
2 groove	1.5mm ²	AWG 16	7.5mm
3 groove	2.5mm ²	AWG 14	7.5mm
wide groove	3mm ²	AWG 12	7.5mm
no groove	4mm ²	AWG 12	7.5mm

工具 Tools

冷压钳
Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.5-4mm ²	TL02G	09990000021

压接线径: 0.14-0.37mm²请选择TL02冷压钳
Wire gauge: 0.14-0.37mm² please select TL02 Crimping tool

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
16A 冷压针 Crimp contacts	TL01	09990000059



H2MEE-020 冷压型模块 Crimp Module 500V 16A

插芯 Inserts



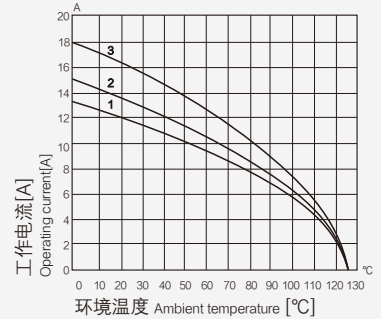
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	20
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 工作电流	- Rated Current	16A
- 工作电压	- Rated Voltage	500V
- 额定脉冲电压	- Rated Impulse Voltage	6kV
- 污染程度	- Pollution Degree	3
依据 UL/CSA 的额定电压	Rated Voltage Acc. to UL/CSA	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 1m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.14-4mm ²
- AWG	- AWG	26-12

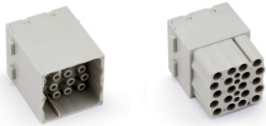
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

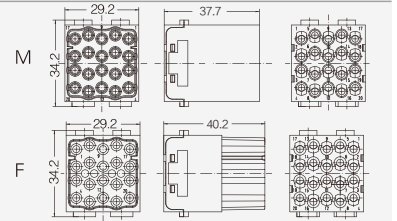


- ① 24 B外壳带3个模块, 导线截面:1.5mm²
- ② 24 B外壳带3个模块, 导线截面:2.5mm²
- ③ 24 B外壳带3个模块, 导线截面:4.0mm²
- ① 24 B hoods/housings with 3 modules, wire gauge:1.5mm²
- ② 24 B hoods/housings with 3 modules, wire gauge:2.5mm²
- ③ 24 B hoods/housings with 3 modules, wire gauge:4.0mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H2MEE-020-MC	09140203001
母 Female	H2MEE-020-FC	09140203101



附件 Accessories

16A 冷压针 Crimp contacts

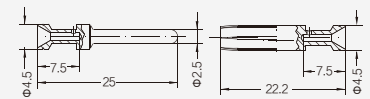
接触电阻 Contact resistance $\leq 1m\Omega$
镀银 Silver plated



镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CESM-0.37	09330006127	CESF-0.37	09330006227
CESM-0.5	09330006121	CESF-0.5	09330006220
CESM-0.75	09330006114	CESF-0.75	09330006214
CESM-1.0	09330006105	CESF-1.0	09330006205
CESM-1.5	09330006104	CESF-1.5	09330006204
CESM-2.5	09330006102	CESF-2.5	09330006202
CESM-3.0	09330006106	CESF-3.0	09330006206
CESM-4.0	09330006107	CESF-4.0	09330006207
CEGM-0.37	09330006117	CEGF-0.37	09330006217
CEGM-0.5	09330006122	CEGF-0.5	09330006222
CEGM-0.75	09330006115	CEGF-0.75	09330006215
CEGM-1.0	09330006118	CEGF-1.0	09330006218
CEGM-1.5	09330006116	CEGF-1.5	09330006216
CEGM-2.5	09330006123	CEGF-2.5	09330006223
CEGM-4.0	09330006119	CEGF-4.0	09330006221



标示 Identification	线规 Wire gauge	剥线长度 Stripping length
no groove	014-0.37mm ²	AWG 26-22
no groove	0.5mm ²	AWG 20
1 groove	0.75mm ²	AWG 18
1 groove	1mm ²	AWG 18
2 groove	1.5mm ²	AWG 16
3 groove	2.5mm ²	AWG 14
wide groove	3mm ²	AWG 12
no groove	4mm ²	AWG 12

工具 Tools

冷压钳
Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.5-4mm ²	TL02G	09990000021

压接线径: 0.14-0.37mm²请选择 TL02冷压钳
Wire gauge: 0.14-0.37mm² please select TL02 Crimping tool

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
16A 冷压针 Crimp contacts	TL01	09990000059



HMD-012 冷压型模块 Crimp Module 250V 10A

插芯 Inserts



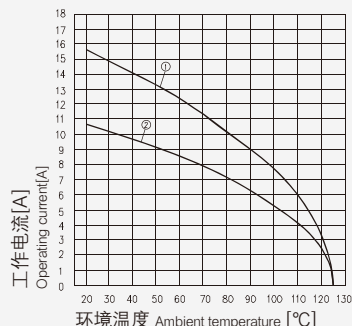
可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	12
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-工作电流	-Rated Current	10A
-工作电压	-Rated Voltage	250V
-额定脉冲电压	-Rated Impulse Voltage	4kV
-污染程度	-Pollution Degree	3
依据UL/CSA的额定电压	Rated Voltage Acc. to UL/CSA	600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据UL 94的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 3m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.14-2.5mm ²
-AWG	-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包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
The current carrying is limited by maximum temperature of materials for Inserts and contacts including terminals.
Measuring and testing techniques according to DIN EN 60512-5

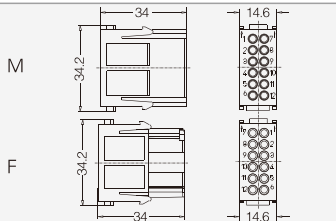


- ① 24 B外壳带6个模块，导线截面:2.5mm²
- ② 24 B外壳带6个模块，导线截面:1.5mm²
- ① 24 B hoods/housings with 6 modules, wire gauge:2.5mm²
- ② 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

冷压连接 Crimp Terminal



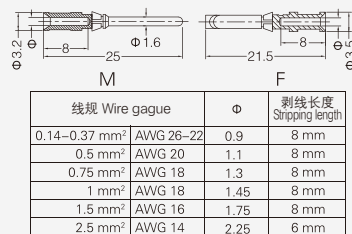
插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMD-012-MC	09140123001
母 Female	HMD-012-FC	09140123101



附件 Accessories

10A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$	公 Male	订货号 Part Number	母 Female	订货号 Part Number
镀银 Silver plated	CDSM-0.37	09150006104	CDSF-0.37	09150006204
	CDSM-0.5	09150006103	CDSF-0.5	09150006203
	CDSM-0.75	09150006105	CDSF-0.75	09150006205
	CDSM-1.0	09150006102	CDSF-1.0	09150006202
	CDSM-1.5	09150006101	CDSF-1.5	09150006201
	CDSM-2.5	09150006106	CDSF-2.5	09150006206
镀金 Gold plated	CDGM-0.37	09150006124	CDGF-0.37	09150006224
	CDGM-0.5	09150006123	CDGF-0.5	09150006223
	CDGM-0.75	09150006125	CDGF-0.75	09150006225
	CDGM-1.0	09150006122	CDGF-1.0	09150006222
	CDGM-1.5	09150006121	CDGF-1.5	09150006221
	CDGM-2.5	09150006126	CDGF-2.5	09150006226



工具 Tools

冷压钳 Crimping tool	压接线规 Wire gauge	型号 Type	订货号 Part Number
	0.14-4mm ²	TL02G	09990000021
退针器 Removal tool	适用类型 For	型号 Type	订货号 Part Number
	10A 冷压针 Crimp contacts	TL00	09990000059

ZJK

HMDD-017 冷压型模块 Crimp Module 160V 10A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	17
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 工作电流	- Rated Current	10A
- 工作电压	- Rated Voltage	160V
- 额定脉冲电压	- Rated Impulse Voltage	2.5kV
- 污染程度	- Pollution Degree	3
依据 UL/CSA 的额定电压	Rated Voltage Acc. to UL/CSA	250V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 3m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.14-2.5mm ²
- AWG	- AWG	26-14

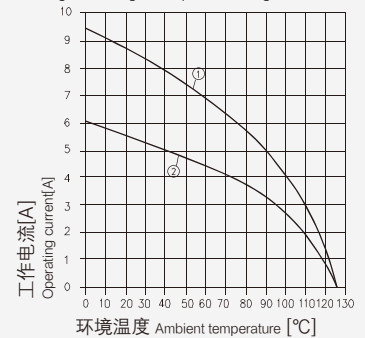
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

Measuring and testing techniques according to DIN EN 60512-5



① 24 B外壳带6个模块, 导线截面:1.5mm²

② 24 B外壳带6个模块, 导线截面:1.0mm²

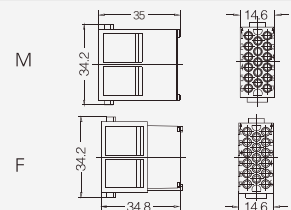
① 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

② 24 B hoods/housings with 6 modules, wire gauge:1.0mm²

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMDD-017-MC	09140173001
母 Female	HMDD-017-FC	09140173101



附件 Accessories

10A 冷压针 Crimp contacts

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

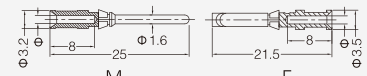
镀银 Silver plated



镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDSM-0.37	09150006104	CDSF-0.37	09150006204
CDSM-0.5	09150006103	CDSF-0.5	09150006203
CDSM-0.75	09150006105	CDSF-0.75	09150006205
CDSM-1.0	09150006102	CDSF-1.0	09150006202
CDSM-1.5	09150006101	CDSF-1.5	09150006201
CDSM-2.5	09150006106	CDSF-2.5	09150006206
CDGM-0.37	09150006124	CDGF-0.37	09150006224
CDGM-0.5	09150006123	CDGF-0.5	09150006223
CDGM-0.75	09150006125	CDGF-0.75	09150006225
CDGM-1.0	09150006122	CDGF-1.0	09150006222
CDGM-1.5	09150006121	CDGF-1.5	09150006221
CDGM-2.5	09150006126	CDGF-2.5	09150006226



线规 Wire gauge	ϕ	剥线长度 Stripping length
0.14-0.37 mm ²	AWG 26-22	0.9
0.5 mm ²	AWG 20	1.1
0.75 mm ²	AWG 18	1.3
1 mm ²	AWG 18	1.45
1.5 mm ²	AWG 16	1.75
2.5 mm ²	AWG 14	2.25

工具 Tools

冷压钳

Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.14-4mm ²	TL02G	09990000021

退针器

Removal tool



适用类型 For	型号 Type	订货号 Part Number
10A 冷压针 Crimp contacts	TL00	09990000059



HMDS-009 D-Sub模块 Module 50V 5A

插芯 Inserts



可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

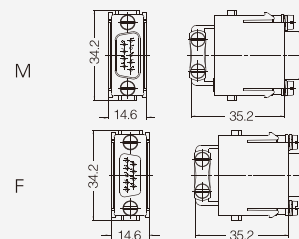
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	9
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
-工作电流	-Rated Current	5A
-工作电压	-Rated Voltage	50V
-额定脉冲电压	-Rated Impulse Voltage	0.8kV
-污染程度	-Pollution Degree	3
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 3m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.09-0.82mm ²
-AWG	-AWG	28-18

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMDS-009-MC	09140093001
母 Female	HMDS-009-FC	09140093101



附件 Accessories

5A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀银 Silver plated

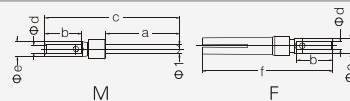


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CSSM-0.25	6103000010	CSSF-0.25	6103000012
CSSM-0.33	6103000018	CSSF-0.33	6103000020
CSSM-0.52	6103000028	CSSF-0.52	6103000030
CSSM-0.82	6103000040	CSSF-0.82	6103000042

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CSGM-0.25	6103000078	CSGF-0.25	6103000080
CSGM-0.33	6103000094	CSGF-0.33	6103000096
CSGM-0.52	6103000073	CSGF-0.52	6103000074
CSGM-0.82	6103000082	CSGF-0.82	6103000084



a	b	c	d	e	f
8.23	4.2	14.0	1.35	1.75	13.6
8.10	4.0	14.8	1.12	1.66	14.4
8.10	4.0	14.8	0.90	1.66	14.4
8.10	4.0	14.8	0.64	1.66	14.4

线规 Wire gauge	剥线长度 Stripping length
0.09-0.21 mm ²	AWG 28-24 5 mm
0.13-0.33 mm ²	AWG 26-22 5 mm
0.33-0.52 mm ²	AWG 22-20 5 mm
0.33-0.82 mm ²	AWG 22-18 5 mm

工具 Tools

冷压钳
Crimping tool



压接线经 Wire gauge	型号 Type	订货号 Part Number
0.09-0.82mm ²	TL03	0999000001

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
5A 冷压针 Crimp contacts	TL08	09990000368



HMDS-025 高密度型模块 50V 4A

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	25
依据 EN 61 984 的电气数据	Electrical Data Acc. To EN 61 984	
- 工作电流	- Rated Current	4A
- 工作电压	- Rated Voltage	50V
- 额定脉冲电压	- Rated Impulse Voltage	0.8kV
- 污染程度	- Pollution Degree	3
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
依据 UL 94 的阻燃等级	Flammability Acc. to UL94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
接触电阻	Contact Resistance	$\leq 3m\Omega$
冷压连接	Cage Clamp Terminal	
- mm ²	- mm ²	0.09-0.52mm ²
- AWG	- AWG	28-20

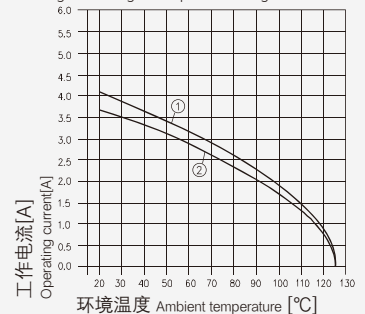
电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含插针的接插体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

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

Measuring and testing techniques according to DIN EN 60512-5



① 24B外壳带6个模块，导线截面:0.5mm² (车削针)

② 24B外壳带6个模块，导线截面:0.5mm² (冲压针)

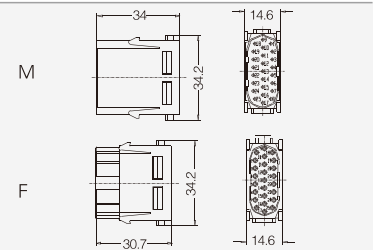
① 24 B hoods/housings with 6 modules, wire gauge:1.5mm² (turned contacts)

② 24 B hoods/housings with 6 modules, wire gauge:1.0mm² (stamped contacts)

冷压连接 Crimp Terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HMDS-025-MC	09140253001
母 Female	HMDS-025-FC	09140253101



附件 Accessories

5A

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

镀银 Silver plated

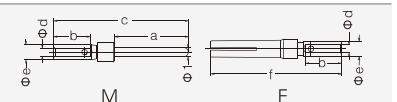


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CSSM-0.25	61030000010	CSSF-0.25	61030000012
CSSM-0.33	61030000018	CSSF-0.33	61030000020
CSSM-0.52	61030000028	CSSF-0.52	61030000030
CSSM-0.82	61030000040	CSSF-0.82	61030000042

镀金 Gold plated



CSGM-0.25	61030000078	CSGF-0.25	61030000080
CSGM-0.33	61030000094	CSGF-0.33	61030000096
CSGM-0.52	61030000073	CSGF-0.52	61030000074
CSGM-0.82	61030000082	CSGF-0.82	61030000084



a	b	c	d	e	f
8.23	4.2	14.0	1.35	1.75	13.6
8.10	4.0	14.8	1.12	1.66	14.4
8.10	4.0	14.8	0.90	1.66	14.4
8.10	4.0	14.8	0.64	1.66	14.4

线规 Wire gauge	剥线长度 Stripping length
0.09-0.21 mm ²	AWG 28-24 5 mm
0.13-0.33 mm ²	AWG 26-22 5 mm
0.33-0.52 mm ²	AWG 22-20 5 mm
0.33-0.82 mm ²	AWG 22-18 5 mm

工具 Tools

冷压钳 Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.09-0.82mm ²	TL03	0999000001

退针器 Removal tool



适用类型 For	型号 Type	订货号 Part Number
5A 冷压针 Crimp contacts	TL08	09990000368

H2MDD-042冷压型模块 Crimp module 150V 10A

插芯 Inserts

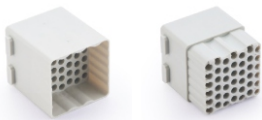


可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

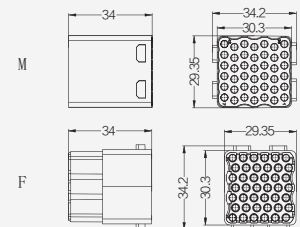
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number of contacts	42
依据 EN 61 984 的电气数据	Electrical data acc. to EN 61 984	
- 额定电流	- Rated current	10A
- 额定电压	- Rated voltage	150V
- 额定脉冲电压	- Rated impulse voltage	2.5kV
- 污染程度	- Pollution degree	3
依据UL的额定电压	Rated voltage acc. to UL	250V
绝缘电阻	Insulation resistance	≥ 10 ¹⁰ Ω
材料	Material	聚碳酸酯
工作温度范围	Limiting temperatures	-40°C...+125°C
依据UL 94 的阻燃等级	Flammability acc. to UL 94	V0
可拔插次数	Mechanical working life	≥ 500
插针	- mating cycles	
材料	Material	铜合金
表面处理	Surface	镀银 镀金
接触电阻	Contact resistance	
冷压连接	Crimp terminal	≤ 3mΩ
- mm ²	- mm ²	0.14-2.5mm ²
- AWG	- AWG	26-14

冷压连接 冷压针需另外订购 Crimp terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H2MDD-042-MC	129 042 010 0001
母 Female	H2MDD-042-FC	129 042 020 0001



附件 Accessories

10A 冷压针 Crimp contacts

接触电阻 Contact resistance ≤ 3mΩ
镀银 Silver plated

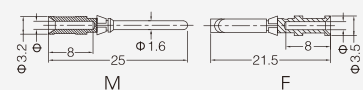


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDSM-0.37	09150006104	CDSF-0.37	09150006204
CDSM-0.5	09150006103	CDSF-0.5	09150006203
CDSM-0.75	09150006105	CDSF-0.75	09150006205
CDSM-1.0	09150006102	CDSF-1.0	09150006202
CDSM-1.5	09150006101	CDSF-1.5	09150006201
CDSM-2.5	09150006106	CDSF-2.5	09150006206

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGF-0.37	09150006224
CDGM-0.5	09150006123	CDGF-0.5	09150006223
CDGM-0.75	09150006125	CDGF-0.75	09150006225
CDGM-1.0	09150006122	CDGF-1.0	09150006222
CDGM-1.5	09150006121	CDGF-1.5	09150006221
CDGM-2.5	09150006126	CDGF-2.5	09150006226



线规 Wire gauge	Φ	剥线长度 Stripping length
0.14-0.37 mm ²	AWG 26-22	0.9
0.5 mm ²	AWG 20	1.1
0.75 mm ²	AWG 18	1.3
1 mm ²	AWG 18	1.45
1.5 mm ²	AWG 16	1.75
2.5 mm ²	AWG 14	2.25

工具 Tools

冷压钳
Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.14-4mm ²	TL02G	09990000021

退针器
Removal tool



适用类型 For	型号 Type	订货号 Part Number
10A 冷压针 Crimp contacts	TL00	09990000059



HM-RJ45 模块 Module 50V 5A

插芯 Inserts



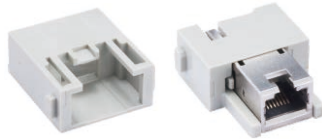
可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

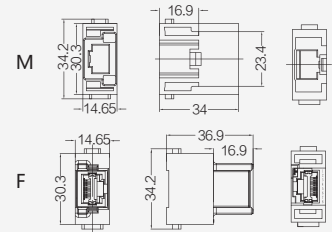
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number of contacts	8
依据 EN 61 984 的电气数据	Electrical data acc. to EN 61 984	
- 额定电流	- Rated current	1A
- 额定电压	- Rated voltage	50V
- 额定脉冲电压	- Rated impulse voltage	0.8kV
- 污染程度	- Pollution degree	3
依据 UL 的额定电压	Rated voltage acc. to UL	< 30 V
传输特性	Transmission features	Category 6 / Class E up to 500 MHz; acc. to ISO/IEC 11 801:2002 and EN 50 173-1
传输速率	Transmission rate	10/100/1000 Mbit/s
绝缘电阻	Insulation resistance	≥ 10 ¹⁰ Ω
材料	Material	聚碳酸酯 polycarbonate
工作温度范围	Limiting temperatures	-40°C...+85°C
依据 UL 94 的阻燃等级	Flammability acc. to UL 94	V0
可拔插次数	Mechanical working life	
	- mating cycle	≥ 500

插芯 用于接缆线 Inserts for patch cable



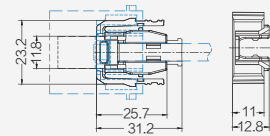
插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HM-RJ45-M	09140014623
母 Female	HM-RJ45-F	09140014721



适配器 Adapter



描述 Inserts	型号 Type	订货号 Part Number
与公插芯搭配 go with male insert	HM-RJ45-APT	09140009966
仅用于标准电缆接线 for standard cable		





HMP-002 气动模块 Pneumatic Module

插芯 Inserts



可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

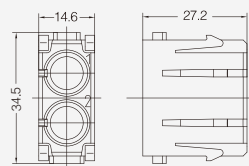
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664 DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	2
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+80°C
依据UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechknical Working Life-mating Cycles	≥500
插针	Contacts	
材料	Material	聚甲醛 Delrin Acetal
颜色	Colour	黑色 black
软管连接	Tube Termination-	
-内径	Internal Diameter (id)	6.0mm/1/4"
工作压力	Working Pressure	最大(Up To) 8 Bar/116 Psi
密封圈	Sealing	
-材料	-Material	丁晴橡胶 Buna-n
闭锁阀	Shut Off Valve	
-材料	-Material	聚丙烯 Polypropylen

气动模块 Pneumatic Module



描述 Description	型号 Type	订货号 Part Number
	HMP-002	09140024501

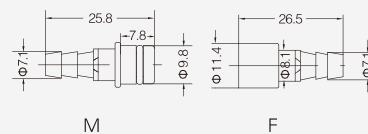


附件 Accessories

针 用于软管内径(ID) For Tubeinternal Diameter(ID)



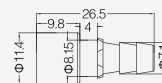
描述 Description	类别 Category	ID	型号 Type	订货号 Part Number
无锁止 Without Shut Off	公 Male	6.0mm	PCM-6.0	09140006174
无锁止 Without Shut Off	母 Female	6.0mm	PCF-6.0	09140006274



针 用于软管内径(ID) For Tubeinternal Diameter(ID)



描述 Description	类别 Category	ID	型号 Type	订货号 Part Number
带锁止 With Shut Off	母 Female	6.0mm	PCFS-6.0	09140006279





HMP-003 气动模块 Pneumatic Module

插芯 Inserts



可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

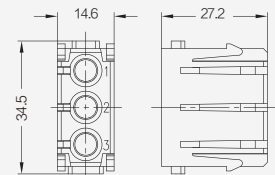
技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	3
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+80°C
依据UL 94的阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥500
插针	Contacts	
材料	Material	聚甲醛 Delrin Acetal
颜色	Colour	黑色black
软管连接	Tube Termination	
-内径	- Internal Diameter (id)	1.6mm/1/16 "
		3mm
		4mm/1/8 "
工作压力	Working Pressure	最大 (Up To) 8 Bar/116 Psi
密封圈	Sealing	
-材料	-Material	丁晴橡胶 Buna-n
闭锁阀	Shut Off Valve	
-材料	-Material	聚丙烯 Polypropylen

气动模块 Pneumatic Module



描述 Description	型号 Type	订货号 Part Number
	HMP-003	09140034501

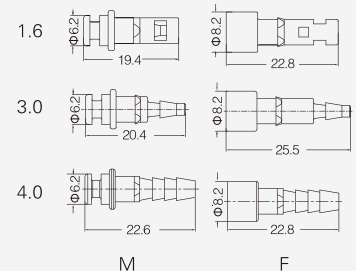


附件 Accessories

针 用于软管内径(ID) For Tubeinternal Diameter(ID)



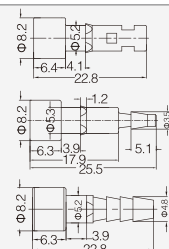
描述 Description	类别 Category	ID	型号 Type	订货号 Part Number
无锁止 Without Shut Off	公 Male	1.6mm	PCM-1.6	09140006151
		3.0mm	PCM-3.0	09140006251
		4.0mm	PCM-4.0	09140006152
无锁止 Without Shut Off	母 Female	1.6mm	PCF-1.6	09140006252
		3.0mm	PCF-3.0	09140006153
		4.0mm	PCF-4.0	09140006253



针 用于软管内径(ID) For Tubeinternal Diameter(ID)



描述 Description	类别 Category	ID	型号 Type	订货号 Part Number
带锁止 With Shut Off	母 Female	1.6mm	PCFS-1.6	09140006256
		3.0mm	PCFS-3.0	09140006257
		4.0mm	PCFS-4.0	09140006258





Q-Coax电磁屏蔽模块 Electromagnetic screening Module

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number of contacts	1.2
绝缘电阻	Insulation resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting temperatures	-40°C...+80°C
依据UL 94的阻燃等级	Flammability acc. to UL 94	V0
可拔插次数		≥ 500
Q-Coax针	Q-Coax contacts	
针数	Number of contacts	
-Q-Coax	- Q-Coax	4+屏蔽
-高密度Q-Coax	- High Density Q-Coax	8+屏蔽
依据 EN 61 984的电气数据	Electrical data acc. to EN 61 984	
-Q-Coax	- Q-Coax	10A 50V 0.8kV 3
-高密度Q-Coax	- High Density Q-Coax	5A 50V 0.8kV 3
额定电流	Rated current	10/5A
额定电压	Rated voltage	50V
额定脉冲电压	Rated impulse voltage	0.8kV
污染程度	Pollution degree	3
材料	Material	
-绝缘体	- Insulator	聚碳酸酯
-外导体	- Outer conductor	锌合金
接触电阻	Contact resistance	$\leq 4m \Omega$
工作温度范围	Limiting temperatures	-40°C...+80°C
依据UL94的阻燃等级	Flammability acc. to UL 94	V0
外导体表面	Outer surface finish	镍
电缆直径	Cable diameter	3-9.5mm
D-Sub冷压针 (5A)	D-Sub crimp contacts(5A)	
材料	Material	铜合金
表面处理	Surface	镀金
接触电阻	Contact resistance	$\leq 3m \Omega$
冷压连接	Crimp terminal	
-mm ²	-mm ²	0.09-0.52mm ²
-AWG	-AWG	28-20
D型针 (10A)	D contacts(10A)	
材料	Material	银合金
表面处理	Surface	镀金
接触电阻	Contact resistance	$\leq 3m \Omega$
冷压连接	Crimp terminal	
-mm ²	-mm ²	0.14-2.5mm ²
-AWG	-AWG	26-14

特征 Features

模块化结构

插入外壳不会造成屏蔽中断

屏蔽传导与外壳电势无关

仅当装入Q-Coax模块,Q-Coax针的插入才具极性

便于传输极灵敏信号(总线信号)

Shielding bus separate from housing potential

Perfect for transmission of sensitive signals

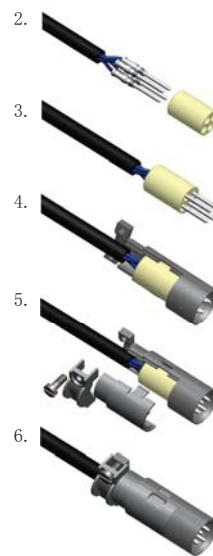
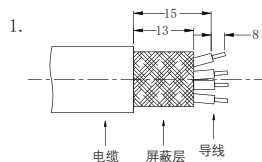
The four pole Q-Coax contact is suitable for

Ethernet Cat. 5e and PROFIBUS when diagonally

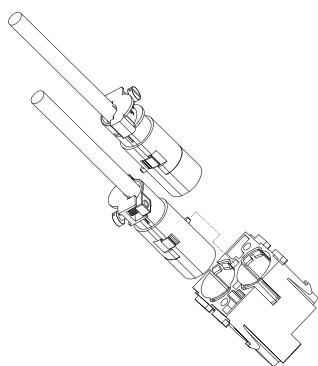
wiring of the data pairs.

Q-Coax 插体使用说明 Assembly instructions

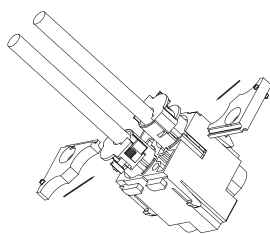
1. 剥除电缆护皮和屏蔽层
2. 将线压接到D型冷压针上
3. 将压好线的D型针插入到绝缘芯子内，直到卡紧为止。
4. 将已经安装好的芯子顺着卡位槽的方向装入到带屏蔽功能的金属外壳内。
5. 用电缆卡箍把屏蔽电缆固定起来(小卡箍3-6mm，大卡箍6-9.5mm)
6. 检查电缆线。
7. 合上金属外壳的盖子，并将其插入到相应腹腔的Q-Coax芯体内。



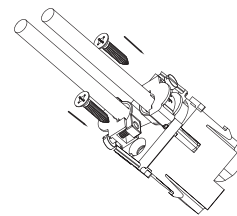
1. Strip cable acc. to drawing 1 and fold the shielding over the cable.
2. Crimp Dcontacts onto the wires.
3. Insert D contacts into corresponding cavities of insulator until they are snapped in.
4. Fit the insert including the cable into the opened shielded bushing.
The coding pin of the shielded bushing has to meet the groove of the insulator.
5. Clamp the tilt over the shielding onto the cable by means of the special clamp
(small opening for cablediameter of 3 – 6 mm, large opening for cable diameter of 6 – 9.5 mm).
6. Check the wiring.
7. Close the shielded bushing with the cover and insert it into the corresponding cavity of the Quintax Module as usual.



Step 1



Step 2



Step 3

H2M-002-M/F 安装说明

第一步：将已装好Coax的芯子装入 H2M-002-M/F 的插体内。装入过程中，须将Coax 插芯外壳上的“三角定位键”对准 H2M-002-M/F 插体上的“定位槽”，依此导向装入。听到“咔哒”一声，即装配到位，也就是卡勾卡住Coax 的台阶面。

第二步：将适配器 APT-H2MQ 一对，依箭头方向，横向装入H2M-002-M/F 与 Coax 芯子的固定台阶面。如图2

第三步：将适配器固定螺丝锁上，至此H2M-002-M/F 模块的安装完成。

第四步：将安装好的H2M-002-M/F 模块安装于模块框架上，

Installation instruction of H2M-002-M/F

Step 1: slug of Coax that has been installed will be installed in the plug of H2M-002-M/F. “triangulation positioning key” on the housing of Coax mortise must be directed at the “positioning slot” on the plug of H2M-002-M/F in the installation process. In addition, assembly is completed if “click” is heard. Namely, step surface of Coax has been stuck by the card hook.

Step 2: a pair of APT-H2MQ adapter will be horizontally installed at the fixed step surface of H2M-002-M/F and Coax slug as per the arrow direction. Refer to the figure 2.

Step 3: the adapter will be fixed with the screw lock, which means that H2M-002-M/F module has been installed.

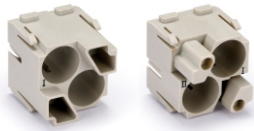
Q-Coax 电磁屏蔽模块 Electromagnetic screening module

装配说明详见P9-32 Assembly instructions see

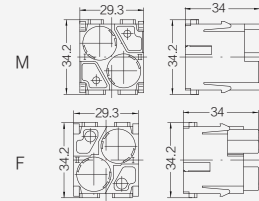


可与框架及其他所有模块产品组合使用
Combination with hinged frame and other modules possible.

冷压连接 Hoods, side entry



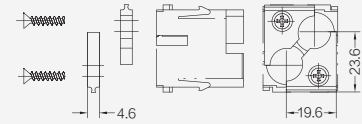
插芯 Insert	型号 Type	订货号 Part Number
公 Male	H2M-002-M	0914 002 3001
母 Female	H2M-002-F	0914 002 3101



Q-Coax 金属适配器 metal adapter



描述 Description	型号 Type	订货号 Part Number
	APT-H2MQ	0914 000 9915

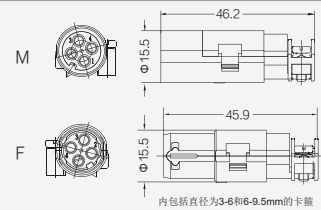


Q-Coax 4针 4+shielding

电缆直径3mm-9.5mm
Cable diameter 3mm-9.5mm



插芯 Insert	型号 Type	订货号 Part Number
公 Male	EMC-004-MC	0915 004 3013
母 Female	EMC-004-FC	0915 004 3113



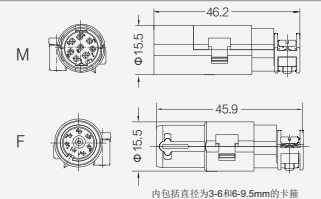
10A 冷压针需另外订购 Crimp contacts 10A Order crimp contacts separately

Q-Coax 8针 8+shielding

电缆直径3mm-9.5mm
Cable diameter 3mm-9.5mm



插芯 Insert	型号 Type	订货号 Part Number
公 Male	EMC-008-MC	0915 008 3013
母 Female	EMC-008-FC	0915 008 3113



5A 冷压针需另外订购 Crimp contacts 5A Order crimp contacts separately

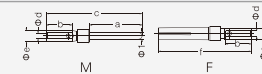
附件 Accessories

5A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CSGM-0.25	61030000078	CSGF-0.25	61030000080
CSGM-0.33	61030000094	CSGF-0.33	61030000096
CSGM-0.52	61030000073	CSGF-0.52	61030000074
CSGM-0.82	61030000082	CSGF-0.82	61030000084



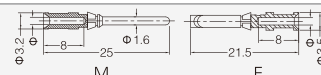
线规 Wire gauge	剥线长度 Stripping length	
0.09-0.21 mm ²	AWG 28-24	5 mm
0.13-0.33 mm ²	AWG 26-22	5 mm
0.33-0.52 mm ²	AWG 22-20	5 mm
0.33-0.82 mm ²	AWG 22-18	5 mm

10A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGF-0.37	09150006224
CDGM-0.5	09150006123	CDGF-0.5	09150006223
CDGM-0.75	09150006125	CDGF-0.75	09150006225
CDGM-1.0	09150006122	CDGF-1.0	09150006222
CDGM-1.5	09150006121	CDGF-1.5	09150006221
CDGM-2.5	09150006126	CDGF-2.5	09150006226



线规 Wire gauge	ϕ	剥线长度 Stripping length	
0.14-0.37 mm ²	AWG 26-22	0.9	8 mm
0.5 mm ²	AWG 20	1.1	8 mm
0.75 mm ²	AWG 18	1.3	8 mm
1 mm ²	AWG 18	1.45	8 mm
1.5 mm ²	AWG 16	1.75	8 mm
2.5 mm ²	AWG 14	2.25	8 mm



Q-Coax 电磁屏蔽模块 Electromagnetic screening

装配说明详见P10-63 Assembly instructions see P10-63.

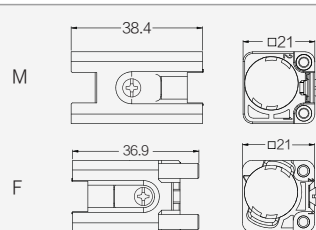
外壳尺寸：匹配带密封圈 3A 外壳，详情请参考第10-64~10-70页。

Hoods/Housings : : size 3A with sealing, please find the details on page 10-64~10-70.

冷压连接 Crimp terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H3A-001-M	0915 003 3001
母 Female	H3A-001-F	0915 003 3101

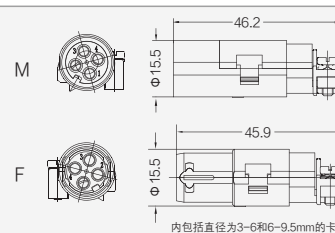


Q-Coax 4针 Q-Coax 4 + shielding

电缆直径3mm-9.5mm
Cable diameter 3mm-9.5mm



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	EMC-004-MC	0915 004 3013
母 Female	EMC-004-FC	0915 004 3113



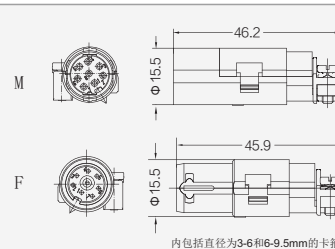
10A 冷压针需另外订购 Crimp contacts 10A Order crimp contacts separately

Q-Coax 8针 Q-Coax 8 + shielding

电缆直径3mm-9.5mm
Cable diameter 3mm-9.5mm



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	EMC-008-MC	0915 008 3013
母 Female	EMC-008-FC	0915 008 3113



5A 冷压针需另外订购 Crimp contacts 5A Order crimp contacts separately

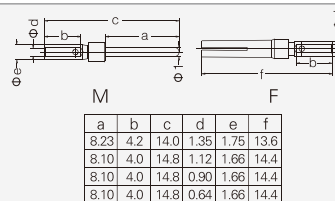
附件 Accessories

5A

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CSGM-0.25	61030000078	CSGF-0.25	61030000080
CSGM-0.33	61030000094	CSGF-0.33	61030000096
CSGM-0.52	61030000073	CSGF-0.52	61030000074
CSGM-0.82	61030000082	CSGF-0.82	61030000084



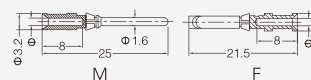
线规 Wire gauge	剥线长度 Stripping length	
0.09-0.21 mm ²	AWG 28-24	5 mm
0.13-0.33 mm ²	AWG 26-22	5 mm
0.33-0.52 mm ²	AWG 22-20	5 mm
0.33-0.82 mm ²	AWG 22-18	5 mm

10A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGF-0.37	09150006224
CDGM-0.5	09150006123	CDGF-0.5	09150006223
CDGM-0.75	09150006125	CDGF-0.75	09150006225
CDGM-1.0	09150006122	CDGF-1.0	09150006222
CDGM-1.5	09150006121	CDGF-1.5	09150006221
CDGM-2.5	09150006126	CDGF-2.5	09150006226



线规 Wire gauge	ϕ	剥线长度 Stripping length	
0.14-0.37 mm ²	AWG 26-22	0.9	8 mm
0.5 mm ²	AWG 20	1.1	8 mm
0.75 mm ²	AWG 18	1.3	8 mm
1 mm ²	AWG 18	1.45	8 mm
1.5 mm ²	AWG 16	1.75	8 mm
2.5 mm ²	AWG 14	2.25	6 mm



Coax 电磁屏蔽模块 Coax Electromagnetic screening module

技术参数 Technical Characteristics

规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	1,2
接插件针数	Number of contacts	$\geq 10 \text{ }^10 \Omega$
绝缘电阻	Insulation resistance	聚碳酸酯
材料	Material	-40°C...+85°C
工作温度范围	Limiting temperatures	V0
阻燃等级	Flammability acc. to UL 94	≥ 500
可拔插次数	Mechanical working life(mating cycles)	
Coax针	Coax contacts	
针数	Number of contacts	1+屏蔽
依据 EN 61 984的电气数据	Electrical data acc. to EN 61 984	
-D型Coax针	- D Coax	10A 50V 0.8kV 3
-E型Coax针	- E Coax	16A 50V 0.8kV 3
额定电流	Rated current	10/16A
额定电压	Rated voltage	50V
额定脉冲电压	Rated impulse voltage	0.8kV
污染程度	Pollution degree	3
阻抗	Impedance	
-D型Coax针	- D Coax	75 Ω
-E型Coax针	- E Coax	50 Ω
材料	Material	
-绝缘体	- Insulator	聚碳酸酯
-外导体	- Outer conductor	锌合金
接触电阻	Contact resistance	$\leq 4\text{m}\Omega$
工作温度范围	Limiting temperatures	-40°C...+85°C
依据UL94的阻燃等级	Flammability acc. to UL 94	V0
外导体表面	Outer surface finish	镍
电缆直径	Cable diameter	3-9.5mm
D型针(10A)	D Coax contacts (10A)	
材料	Material	铜合金
表面处理	Surface	镀金
接触电阻	Contact resistance	$\leq 3\text{m}\Omega$
冷压连接	Crimp terminal	
-mm ²	-mm ²	0.14-2.5mm ²
-AWG	-AWG	26-14
E型针 (16A)	E Coax contacts	
材料	Material	铜合金
表面处理	Surface	镀金
接触电阻	Contact resistance	$\leq 1\text{m}\Omega$
冷压连接	Crimp terminal	
-mm ²	-mm ²	0.14-4mm ²
-AWG	-AWG	26-12

特征 Features

模块化结构 Shielding bus separate from housing potential

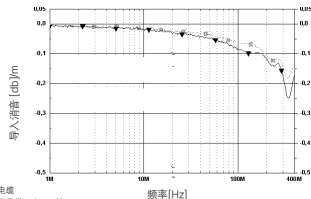
插入外壳不会造成屏蔽中断 Perfect for transmission of sensitive signals

屏蔽传导与外壳电势无关 The four pole Q-Coax contact is suitable for

仅当装入Q-Coax模块,Q-Coax针的插入才具极性 Ethernet Cat. 5e and PROFIBUS when diagonally

便于传输极灵敏信号(总线信号) wiring of the data pairs.

传输性能 Transmission characteristics

阻抗 75 Ω 

— 75 Ω 电缆
 — 75 Ω 电缆带D型Coax针
 75 Ω 屏蔽电缆直径: 7.3mm

阻抗 50 Ω

E型针带 ETCS S21电缆(4 mm ²)	27
MHz	
回波损耗 [dB]	35,4
导入消音 [dB]	0,017

E型针带 RG 213 电缆(2.5 mm ²)	200	500	1,0	1,2	1,5	2,0	2,5
MHz	MHz	GHz	GHz	GHz	GHz	GHz	GHz
回波损耗 [dB]	23,8	21,1	>18,7	>17,7	>16,4	>14,1	>12,0
导入消音 [dB]	0,07	0,11	0,17	0,2	<0,23	<0,53	<2,0



Coax 电磁屏蔽模块 Coax Electromagnetic screening module

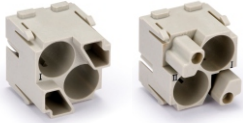
装配说明详见P9-32 Assembly instructions see



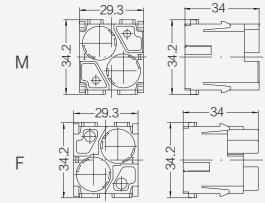
可与框架及其他所有模块产品组合使用

Combination with hinged frame and other modules possible.

冷压连接 Hoods, side entry



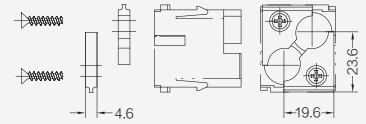
插芯 Insert	型号 Type	订货号 Part Number
公 Male	H2M-002-M	0914 002 3001
母 Female	H2M-002-F	0914 002 3101



Q-Coax 金属适配器 metal adapter



描述 Description	型号 Type	订货号 Part Number
	APT-H2MQ	0914 000 9915

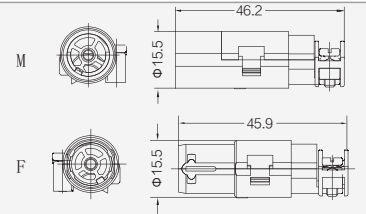


D型Coax D Coax 1 + shielding

阻抗 75Ω Impedance 75Ω
电缆直径3mm-9.5mm
Cable diameter 3mm-9.5mm



插芯 Insert	型号 Type	订货号 Part Number
公 Male	EMC-001-MC	0915 001 3013
母 Female	EMC-001-FC	0915 001 3113



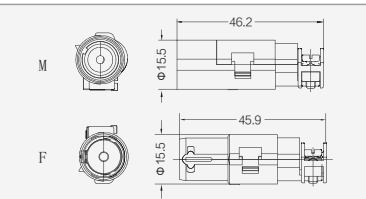
10A 冷压针需另外订购 Crimp contacts 10A Order crimp contacts separately

E型Coax E Coax 1 + shielding

阻抗 50Ω Crimp contacts 16A
电缆直径3mm-9.5mm
Cable diameter 3mm-9.5mm



插芯 Insert	型号 Type	订货号 Part Number
公 Male	EMC-001-MC/E	0915 001 3023
母 Female	EMC-001-FC/E	0915 001 3123



16A 冷压针需另外订购 Crimp contacts 16A Order crimp contacts separately

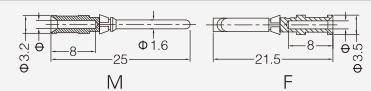
附件 Accessories

10A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGF-0.37	09150006224
CDGM-0.5	09150006123	CDGF-0.5	09150006223
CDGM-0.75	09150006125	CDGF-0.75	09150006225
CDGM-1.0	09150006122	CDGF-1.0	09150006222
CDGM-1.5	09150006121	CDGF-1.5	09150006221
CDGM-2.5	09150006126	CDGF-2.5	09150006226



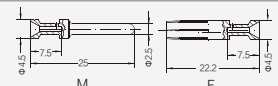
线规 Wire gauge	Φ	剥线长度 Stripping length
0.14-0.37 mm ²	AWG 26-22	7.5mm
0.5 mm ²	AWG 20	8 mm
0.75 mm ²	AWG 18	8 mm
1 mm ²	AWG 18	1.45 8 mm
1.5 mm ²	AWG 16	1.75 8 mm
2.5 mm ²	AWG 14	2.25 6 mm

16A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 1m\Omega$
镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CEGM-0.37	09330006117	CEGF-0.37	09330006217
CEGM-0.5	09330006122	CEGF-0.5	09330006222
CEGM-0.75	09330006115	CEGF-0.75	09330006215
CEGM-1.0	09330006118	CEGF-1.0	09330006218
CEGM-1.5	09330006116	CEGF-1.5	09330006216
CEGM-2.5	09330006123	CEGF-2.5	09330006223
CEGM-4.0	09330006119	CEGF-4.0	09330006221



标示 Identification	线规 Wire gauge	剥线长度 Stripping length	
no groove	014-0.37mm ²	AWG 26-22	7.5mm
no groove	0.5mm ²	AWG 20	7.5mm
1 groove	0.75mm ²	AWG 18	7.5mm
1 groove	1mm ²	AWG 18	7.5mm
2 groove	1.5mm ²	AWG 16	7.5mm
3 groove	2.5mm ²	AWG 14	7.5mm
wide groove	3mm ²	AWG 12	7.5mm
no groove	4mm ²	AWG 12	7.5mm



Coax 电磁屏蔽模块 Coax Electromagnetic screening module

装配说明详见P10-63 Assembly instructions see P10-63.

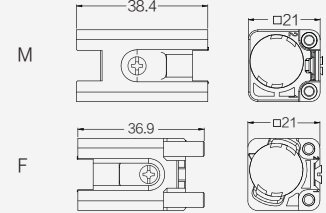
外壳尺寸：匹配带密封圈 3A 外壳，详情请参考第10-64~10-70页。

Hoods/Housings : : size 3A with sealing, please find the details on page 10-64~10-70.

冷压连接 Crimp terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	H3A-001-M	0915 003 3001
母 Female	H3A-001-F	0915 003 3101

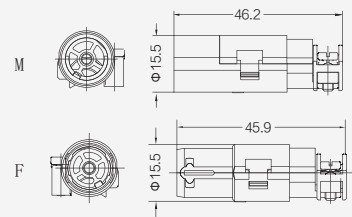


D型Coax 1针 D Coax 1 + shielding

阻抗 75Ω Impedance 75Ω
电缆直径3mm~9.5mm
Cable diameter 3mm~9.5mm



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	EMC-001-MC	0915 001 3013
母 Female	EMC-001-FC	0915 001 3113



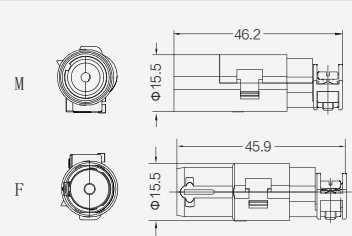
10A 冷压针需另外订购 Crimp contacts 10A Order crimp contacts separately

E型Coax 1针 E Coax 1 + shielding

阻抗 50Ω Impedance 50Ω
电缆直径3mm~9.5mm
Cable diameter 3mm~9.5mm



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	EMC-001-MC/E	0915 001 3023
母 Female	EMC-001-FC/E	0915 001 3123



16A 冷压针需另外订购 Crimp contacts 16A Order crimp contacts separately

附件 Accessories

10A 冷压针 Crimp contacts

接触电阻Contact resistance $\leq 3m\Omega$
镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGF-0.37	09150006224
CDGM-0.5	09150006123	CDGF-0.5	09150006223
CDGM-0.75	09150006125	CDGF-0.75	09150006225
CDGM-1.0	09150006122	CDGF-1.0	09150006222
CDGM-1.5	09150006121	CDGF-1.5	09150006221
CDGM-2.5	09150006126	CDGF-2.5	09150006226

线规 Wire gauge		Φ	剥线长度 Stripping length
0.14~0.37 mm ²	AWG 26~22	0.9	8 mm
0.5 mm ²	AWG 20	1.1	8 mm
0.75 mm ²	AWG 18	1.3	8 mm
1 mm ²	AWG 18	1.45	8 mm
1.5 mm ²	AWG 16	1.75	8 mm
2.5 mm ²	AWG 14	2.25	6 mm

16A 冷压针 Crimp contacts

接触电阻Contact resistance $\leq 1m\Omega$
镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CEGM-0.37	09330006117	CEGF-0.37	09330006217
CEGM-0.5	09330006122	CEGF-0.5	09330006222
CEGM-0.75	09330006115	CEGF-0.75	09330006215
CEGM-1.0	09330006118	CEGF-1.0	09330006218
CEGM-1.5	09330006116	CEGF-1.5	09330006216
CEGM-2.5	09330006123	CEGF-2.5	09330006223
CEGM-4.0	09330006119	CEGF-4.0	09330006221

标示 Identification	线规 Wire gauge	剥线长度 Stripping length	
no groove	0.14~0.37mm ²	AWG 26~22	7.5mm
no groove	0.5mm ²	AWG 20	7.5mm
1 groove	0.75mm ²	AWG 18	7.5mm
1 groove	1.1mm ²	AWG 18	7.5mm
2 groove	1.5mm ²	AWG 16	7.5mm
3 groove	2.5mm ²	AWG 14	7.5mm
wide groove	3mm ²	AWG 12	7.5mm
no groove	4mm ²	AWG 12	7.5mm