

HM模块组合型系列接插件

HM module series connectors

接插件针数 Number Of Contacts 2,3,5,6,8,12

技术参数

	HM-D2	HM-S2	HM-H2	HM-003
接插体 Inserts				
工作电流 working current (见电流负载图 see current carrying capacity)	100 Amax.	40 Amax.	16 Amax.	40 Amax.
工作电压 working voltage	1000V	1000V	2900/5000V	400/690V
测试电压 test voltage urms	8kV	8kV	15kV	6kV
隔离电阻 Insulation resistance	$\geq 10^{10}\Omega$	$\geq 10^{10}\Omega$	$\geq 10^{10}\Omega$	$\geq 10^{10}\Omega$
工作温度范围 temperature range	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C
可拔插次数 mechanical working life-mating cycles	≥ 500	≥ 500	≥ 500	≥ 500
接插针 Contacts				
材料 material	铜 copper alloy	铜 copper alloy	铜 copper alloy	铜 copper alloy
表面处理 surface	镀银 hard silver-plated	镀银 hard silver-plated	镀银 hard silver-plated	镀银 hard silver-plated
接触电阻 contact resistance	$\leq 0.3m\Omega$	$\leq 0.5m\Omega$	$\leq 0.5m\Omega$	$\leq 0.3m\Omega$
接线形式 terminal	轴向连接式 axial screw terminal	轴向连接式 axial screw terminal	轴向连接式 axial screw terminal	螺钉压接 screw terminal
-mm ²	16-35mm ²	2.5-10mm ²	0.5-4.0mm ²	1.5-6mm ²
-AWG	5-2	14-8	20-12	16-10
拧紧力矩 / 测试力矩 tightening/test torque	6 Nm	1.2 Nm		

技术参数

	HM-006	HM-008	HM-005	HM-012
接插体 Inserts				
工作电流 working current (见电流负载图 see current carrying capacity)	16 Amax.	16 Amax.	16 Amax.	10 Amax.
工作电压 working voltage	500V	400V	500V	250V
测试电压 test voltage urms	6kV	6kV	6kV	2kV
隔离电阻 Insulation resistance	$\geq 10^{10}\Omega$	$\geq 10^{10}\Omega$	$\geq 10^{10}\Omega$	$\geq 10^{10}\Omega$
工作温度范围 temperature range	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C	-40°C...+125°C
可拔插次数 mechanical working life-mating cycles	≥ 500	≥ 500	≥ 500	≥ 500
接插针 Contacts				
材料 material	铜 copper alloy	铜 copper alloy	铜 copper alloy	铜 copper alloy
表面处理 surface	镀银 hard silver-plated	镀银 hard silver-plated	镀银 hard silver-plated	镀银 hard silver-plated
接触电阻 contact resistance	$\leq 1m\Omega$	$\leq 1m\Omega$	$\leq 1m\Omega$	$\leq 0.3m\Omega$
接线形式 terminal	冷压接线 crimp terminal	冷压接线 crimp terminal	弹片接线 screw terminal	冷压接线 crimp terminal
-mm ²	0.5-4.0mm ²	0.5-4.0mm ²	0.14-2.5mm ²	0.14-2.5mm ²
-AWG	20-12	20-12	26-14	26-14
拧紧力矩 / 测试力矩 tightening/test torque				

总览 Contents

型号 type	额定电压 rated voltage	额定电流 rated current	插针数 pole	弹片联接 crimp terminal	螺钉联接 screw terminal	冷压联接 crimp terminal	轴向压接式 axial terminal	页码 page no.
HM-D2	1000V	100A	2				●	N.05
HM-S2	1000V	40A	2				●	N.06
HM-H2	5000V	16A	2				●	N.07
HM-003	690V	40A	3		●			N.08
HM-006	500V	16A	6			●		N.09
HM-008	400V	16A	8			●		N.10
HM-012	250V	10A	12			●		N.11
模块框架 Module Fixing Frame								N.12

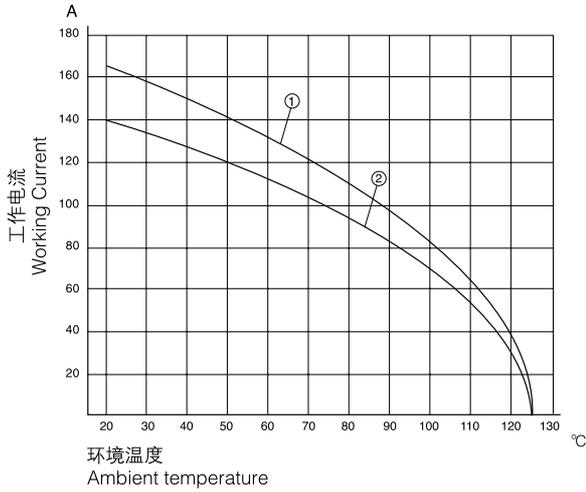
技术参数

电流曲线

电流负载能力 Current carrying capacity

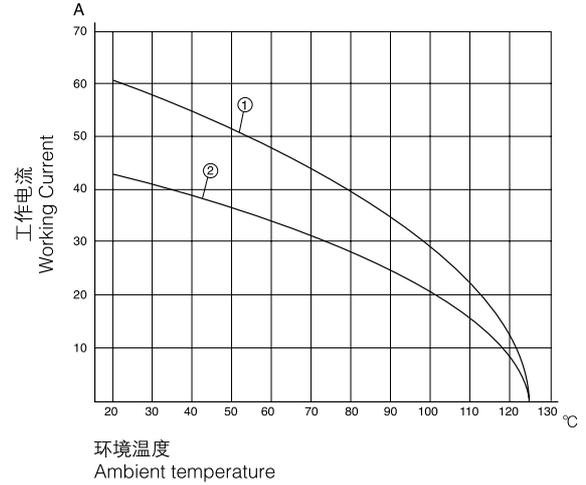
电流负载能力所受的限制主要来自自己包含接插针的接插体可承受的最大温度。

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



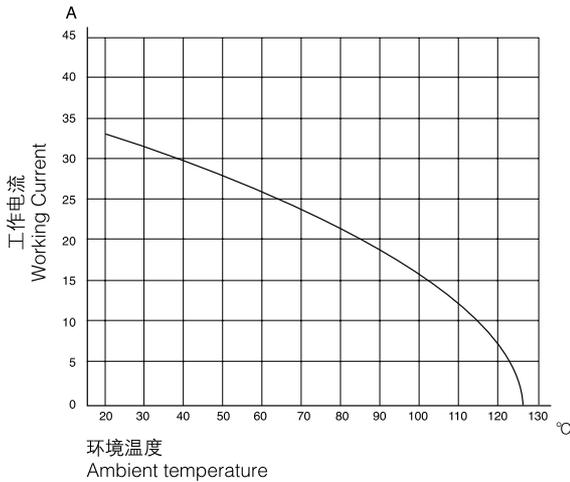
HM-D2

- ① 装有 3 个模块的 24 芯外壳：接线线径：35mm²
24B hood/housing with 3 modules; wire gauge: 35mm²
- ② 装有 3 个模块的 24 芯外壳：接线线径：25mm²
24B hood/housing with 3 modules; wire gauge: 25mm²

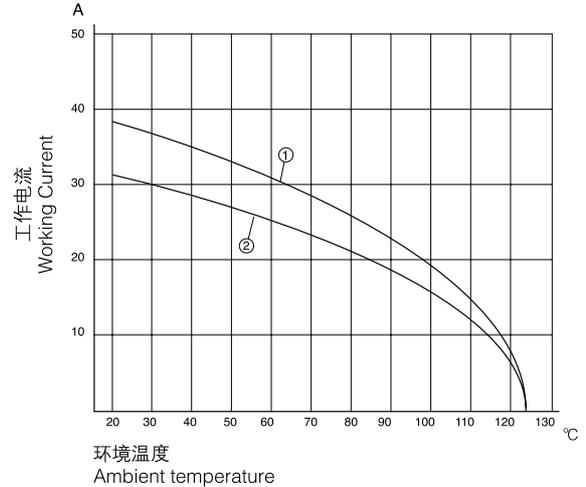


HM-S2

- ① 装有 6 个模块的 24 芯外壳：接线线径：10mm²
24B hood/housing with 6 modules; wire gauge: 10mm²
- ② 装有 6 个模块的 24 芯外壳：接线线径：6mm²
24B hood/housing with 6 modules; wire gauge: 6mm²



HM-H2

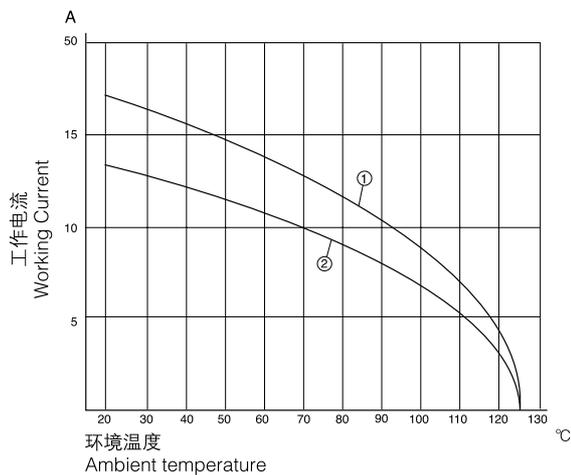


HM-003

- ① 装有 6 个模块的 24 芯外壳：接线线径：6.0mm²
24B hood/housing with 6 modules; wire gauge: 6.0mm²
- ② 装有 6 个模块的 24 芯外壳：接线线径：4.0mm²
24B hood/housing with 6 modules; wire gauge: 4.0mm²

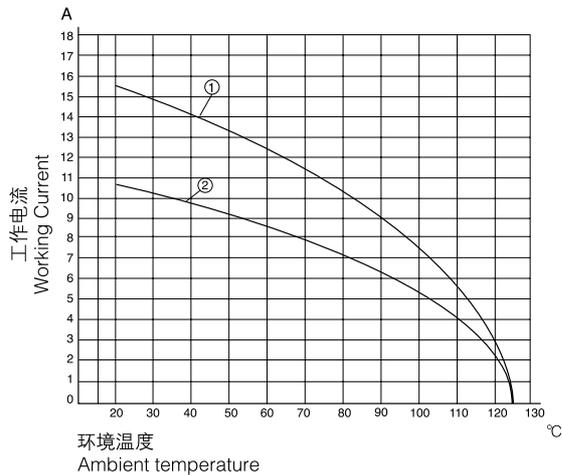
技术参数

电流曲线



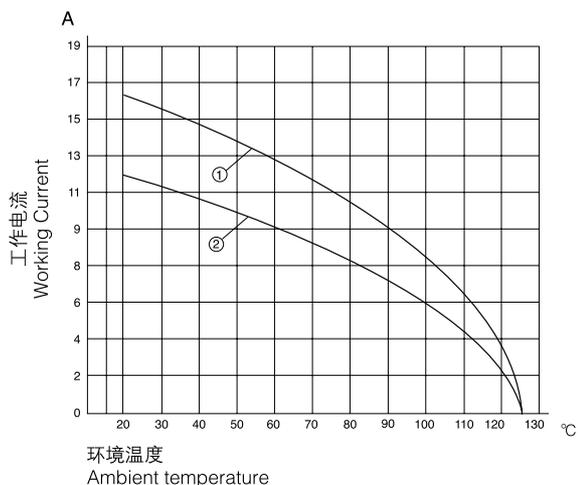
HM-006

- ① 装有 6 个模块的 24 芯外壳：接线线径：2.5mm²
24B hood/housing with 6 modules; wire gauge: 2.5mm²
- ② 装有 6 个模块的 24 芯外壳：接线线径：1.5mm²
24B hood/housing with 6 modules; wire gauge: 1.5mm²



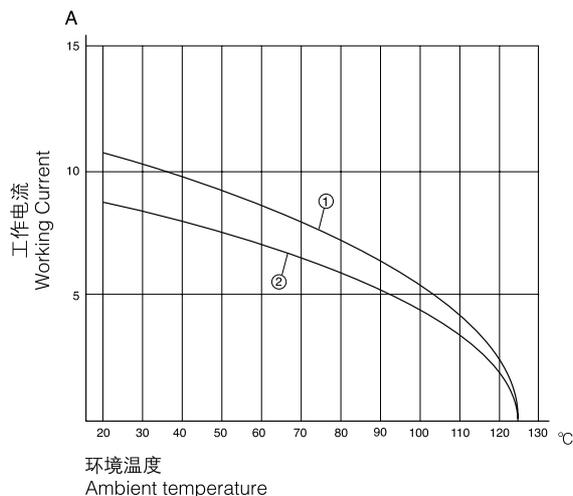
HM-008

- ① 装有 6 个模块的 24 芯外壳：接线线径：2.5mm²
24B hood/housing with 6 modules; wire gauge: 2.5mm²
- ② 装有 6 个模块的 24 芯外壳：接线线径：1.5mm²
24B hood/housing with 6 modules; wire gauge: 1.5mm²



HM-005

- ① 装有 6 个模块的 24 芯外壳：接线线径：2.5mm²
24B hood/housing with 6 modules; wire gauge: 2.5mm²
- ② 装有 6 个模块的 24 芯外壳：接线线径：1.5mm²
24B hood/housing with 6 modules; wire gauge: 1.5mm²



HM-012

- ① 装有 6 个模块的 24 芯外壳：接线线径：1.5mm²
24B hood/housing with 6 modules; wire gauge: 1.5mm²
- ② 装有 6 个模块的 24 芯外壳：接线线径：1.0mm²
24B hood/housing with 6 modules; wire gauge: 1.0mm²

HM 模块组合型系列接插件 HM Module Series Connectors

1000V, max. 100A

HM-D2



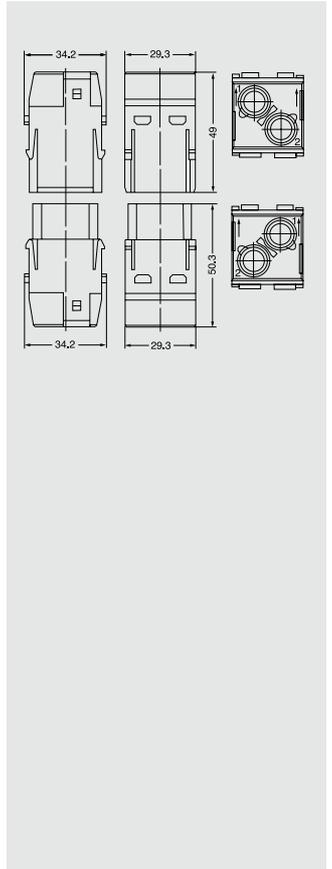
模块 Module

轴向连接式

Axial screw terminal



插芯 inserts	轴向线规 axial screw terminal	型号 tpye	订货号 order No.
公 male	10-25mm ²	HM-D2-M	8580010000
母 female	10-25mm ²	HM-D2-F	8580020000
公 male	16-35mm ²	HM-D2-MD	8580030000
母 female	16-35mm ²	HM-D2-FD	8580040000



零配件 Accessory

接地线轴套

Cable shoe for PF extension



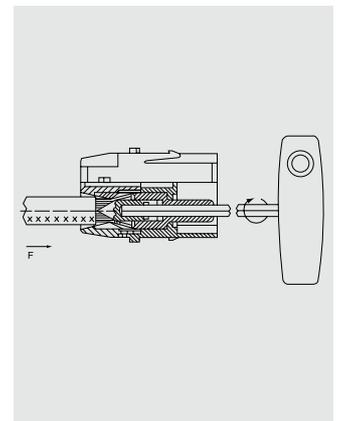
描述 detail	型号 tpye	订货号 order No.
16mm ²	DH-D2-PE	8580050000

安装工具

Tool: For Axial Setscrew



描述 detail	型号 tpye	订货号 order No.
使用 4X100 的六角扳手, 拧紧力为 6Nm. Hold the standard wire in position and secure by 4X100 hexagonal driver from the mating side with a force of 6 Nm.	Hexa-D1	8580060000



1000V, max.40A

HM-S2



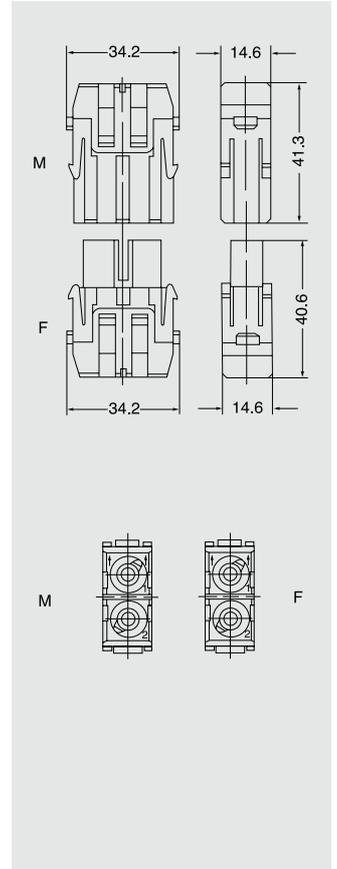
模块 Module

轴向连接式



Axial screw terminal

插芯 inserts	轴向线规 axial screw terminal	型号 tpye	订货号 order No.
公 male	2.5-10mm ²	HM-S2-M	8580110000
母 female	2.5-10mm ²	HM-S2-F	8580120000
公 male	6-10mm ²	HM-S2-MD	8580130000
母 female	6-10mm ²	HM-S2-FD	8580140000



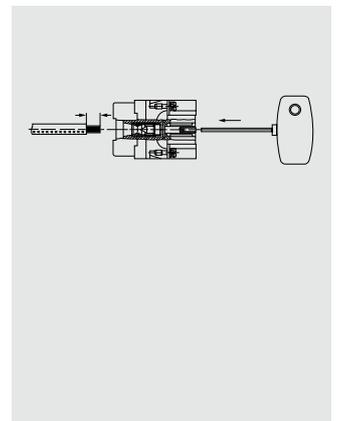
零配件 Accessory

安装工具



Tool: For Axial Setscrew

描述 detail	型号 tpye	订货号 order No.
最大拧紧力为 6Nm. The mating side with a force of 6 Nm.	Hexa-D2	8580160000



HM 模块组合型系列接插件 HM Module Series Connectors

2900/5000V, max.16A

HM-H2



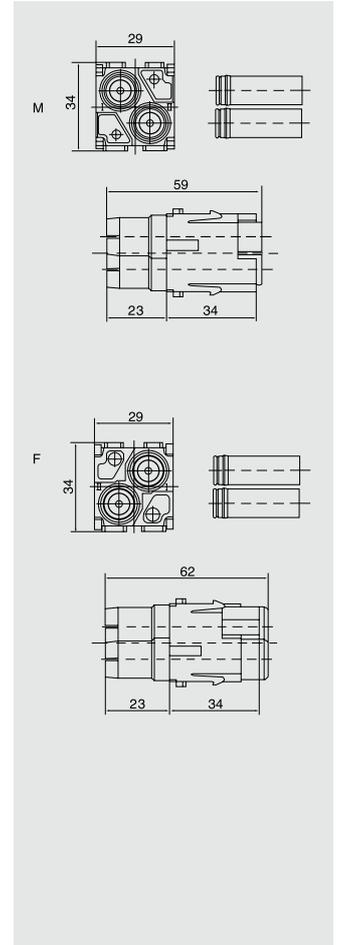
模块 Module

冷压连接



Crimp terminal

插芯 inserts	型号 tpye	订货号 order No.
公 male	HM-H2-M	8580210000
母 female	HM-H2-F	8580220000



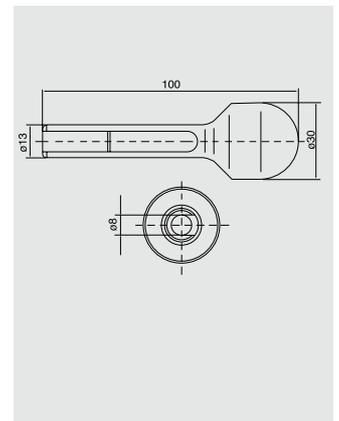
零配件 Accessory

安装工具



Tool: For Axial Setscrew

描述 detail	型号 tpye	订货号 order No.
	REMOV-HMH2	8580260000



400/690V, max.40A
HM-003



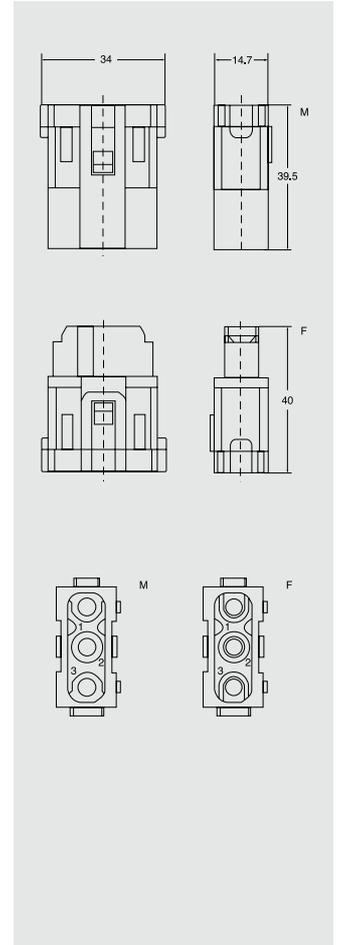
模块 Module

冷压连接



Crimp terminal

插芯 inserts	型号 tpye	订货号 order No.
公 male	HM-003-M	8580310000
母 female	HM-003-F	8580320000



零配件 Accessory

冷压插针

表面镀银 Silver-plated



表面镀金 Gold-plated



Crimp Contacts

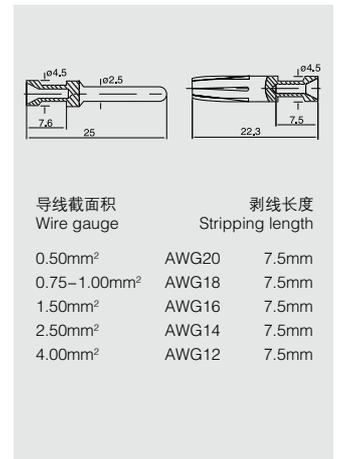
数量 quantity	公 male	订货号 order No.	母 female	订货号 order No.
100	CEM-0.5	8200500000	CEF-0.5	8201100000
100	CEM-0.75	8200600000	CEF-0.75	8201200000
100	CEM-1.0	8200700000	CEF-1.0	8201300000
100	CEM-1.5	8200800000	CEF-1.5	8201400000
100	CEM-2.5	8200900000	CEF-2.5	8201500000
100	DEM-0.5	8651420000	DEF-0.5	8651470000
100	DEM-0.75	8651430000	DEF-0.75	8651480000
100	DEM-1.0	8651440000	DEF-1.0	8651490000
100	DEM-1.5	8651450000	DEF-1.5	8651500000
100	DEM-2.5	8651460000	DEF-2.5	8651510000

工具



Tools

压针工具 crimping tool	订货号 order No.
CHW-0.5/4	8018490000
退针工具 removal tool	订货号 order No.
退针工具 HE	8866750000



HM 模块组合型系列接插件 HM Module Series Connectors

500V, max.16A

HM-006



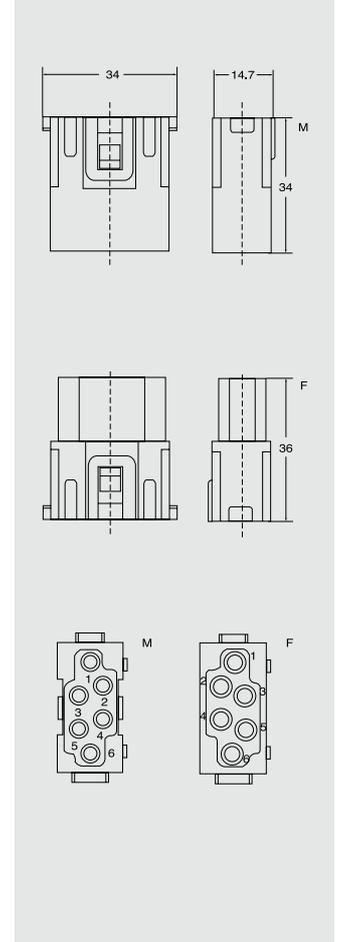
模块 Module

冷压连接



Crimp terminal

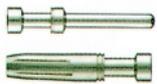
插芯 inserts	型号 tpye	订货号 order No.
公 male	HM-006-M	8580410000
母 female	HM-006-F	8580420000



零配件 Accessory

冷压插针

表面镀银 Silver-plated

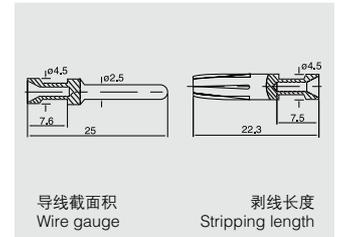


表面镀金 Gold-plated



Crimp Contacts

数量 quantity	公 male	订货号 order No.	母 female	订货号 order No.
100	CEM-0.5	8200500000	CEF-0.5	8201100000
100	CEM-0.75	8200600000	CEF-0.75	8201200000
100	CEM-1.0	8200700000	CEF-1.0	8201300000
100	CEM-1.5	8200800000	CEF-1.5	8201400000
100	CEM-2.5	8200900000	CEF-2.5	8201500000
100	DEM-0.5	8651420000	DEF-0.5	8651470000
100	DEM-0.75	8651430000	DEF-0.75	8651480000
100	DEM-1.0	8651440000	DEF-1.0	8651490000
100	DEM-1.5	8651450000	DEF-1.5	8651500000
100	DEM-2.5	8651460000	DEF-2.5	8651510000



导线截面积 Wire gauge	剥线长度 Stripping length
0.50mm ²	AWG20 7.5mm
0.75-1.00mm ²	AWG18 7.5mm
1.50mm ²	AWG16 7.5mm
2.50mm ²	AWG14 7.5mm
4.00mm ²	AWG12 7.5mm

工具



Tools

压针工具 crimping tool	订货号 order No.
CHW-0.5/4	8018490000
退针工具 removal tool	订货号 order No.
退针工具 HE	8866750000

400V, max.16A
HM-008



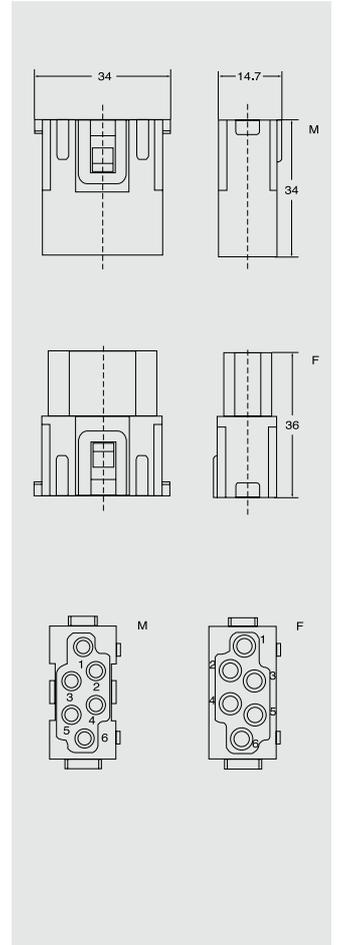
模块 Module

冷压连接



Crimp terminal

插芯 inserts	型号 tpye	订货号 order No.
公 male	HM-008-M	8580410000
母 female	HM-008-F	8580420000



零配件 Accessory

冷压插针

表面镀银 Silver-plated



表面镀金 Gold-plated



Crimp Contacts

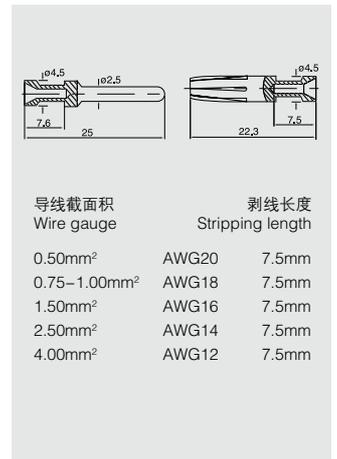
数量 quantity	公 male	订货号 order No.	母 female	订货号 order No.
100	CEM-0.5	8200500000	CEF-0.5	8201100000
100	CEM-0.75	8200600000	CEF-0.75	8201200000
100	CEM-1.0	8200700000	CEF-1.0	8201300000
100	CEM-1.5	8200800000	CEF-1.5	8201400000
100	CEM-2.5	8200900000	CEF-2.5	8201500000
100	DEM-0.5	8651420000	DEF-0.5	8651470000
100	DEM-0.75	8651430000	DEF-0.75	8651480000
100	DEM-1.0	8651440000	DEF-1.0	8651490000
100	DEM-1.5	8651450000	DEF-1.5	8651500000
100	DEM-2.5	8651460000	DEF-2.5	8651510000

工具



Tools

压针工具 crimping tool	订货号 order No.
CHW-0.5/4	8018490000
退针工具 removal tool	订货号 order No.
退针工具 HE	8866750000



HM 模块组合型系列接插件 HM Module Series Connectors

250V, max.10A
HM-12



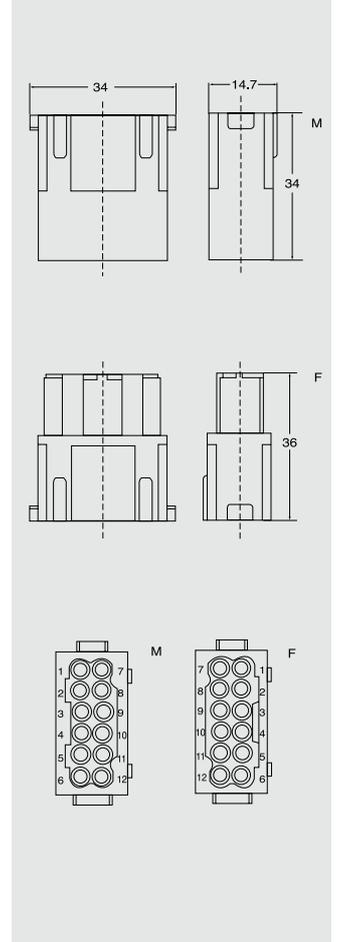
模块 Module

弹片连接

Spring terminal



插芯 inserts	型号 type	订货号 order No.
公 male	HM-012-M	8580610000
母 female	HM-012-F	8580620000



零配件 Accessory

冷压插针

Crimp Contacts

表面镀银 Silver-plated



表面镀金 Gold-plated



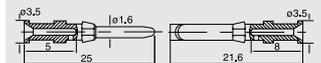
数量 quantity	公 male	订货号 order No.	母 female	订货号 order No.
100	CDM-0.5	8651520000	CDF-0.5	8651570000
100	CDM-0.75	8651530000	CDF-0.75	8651580000
100	CDM-1.0	8601750000	CDF-1.0	8601760000
100	CDM-1.5	8651550000	CDF-1.5	8651600000
100	CDM-2.5	8651560000	CDF-2.5	8651610000
100	DDM-0.5	8651520000	DDF-0.5	8651670000
100	DDM-0.75	8651630000	DDF-0.75	8651680000
100	DDM-1.0	8651640000	DDF-1.0	8651690000
100	DDM-1.5	8651650000	DDF-1.5	8651700000
100	DDM-2.5	8651660000	DDF-2.5	8651710000

工具

Tools



压针工具 crimping tool	订货号 order No.
CHW-0.5/4	8018490000
退针工具 removal tool	订货号 order No.
退针工具 HD	8866730000



导线截面积 Wire gauge	剥线长度 Stripping length
0.50mm ²	AWG20 8mm
0.75mm ²	AWG18 8mm
1.00mm ²	AWG18 8mm
1.50mm ²	AWG16 8mm
2.50mm ²	AWG14 8mm

模块框架 Module Fixing Frame



插芯 inserts	规格 size	型号 tpye	描述 detail	订货号 order No.
公 male	H6B	H6B-T2-M	可安装 2 个准模块	8580610000
母 female	H6B	H6B-T2-F	for 2 modules	8580620000
公 male	H10B	H10B-T3-M	可安装 3 个准模块	8581610000
母 female	H10B	H10B-T3-F	for 3 modules	8581620000
公 male	H16B	H16B-T4-M	可安装 4 个准模块	8582610000
母 female	H16B	H16B-T4-F	for 4 modules	8582620000
公 male	H24B	H24B-T6-M	可安装 6 个准模块	8583610000
母 female	H24B	H24B-T6-F	for 6 modules	8583620000

规格 size	可安装模块 no.of modutes	a	b	c	d
H6B	2	44	51	35	52
H10B	3	57	64	49	66
H16B	4	77.5	84.5	64	85.5
H24B	6	104	111	94	112

框架之间最大发装距离 21mm.
Distance for electrical contacts max. 21mm.

