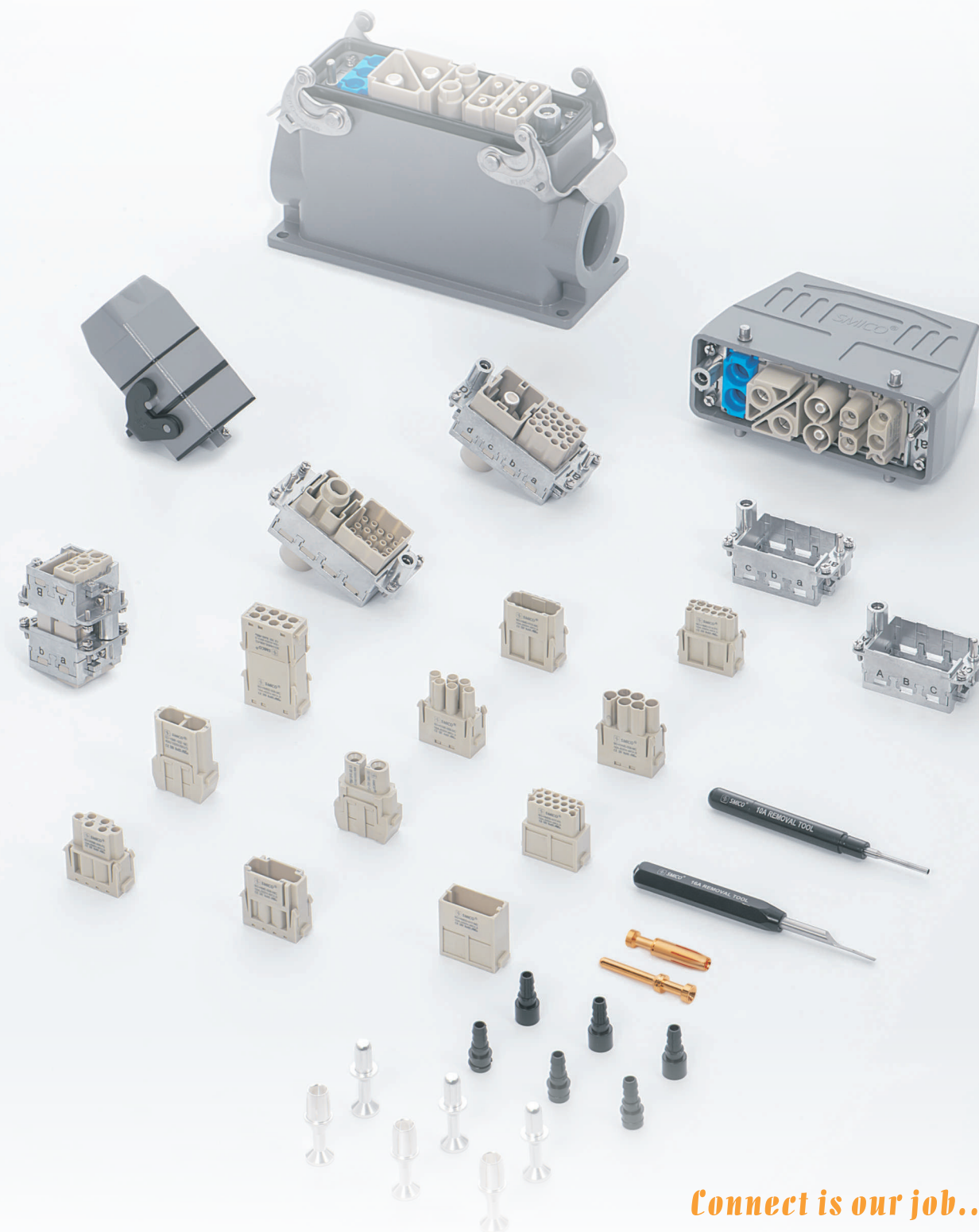


NIETZ



Connect is our job....

NIETZ ELECTRIC CO.,LTD

No.988, Fulian Rd. Gucun
Industry, Baoshan District.
Shanghai, China

Tel/Fax: +86 21 336 346 49
E-mail: info@nietz.cn
Website: www.nietz.cn

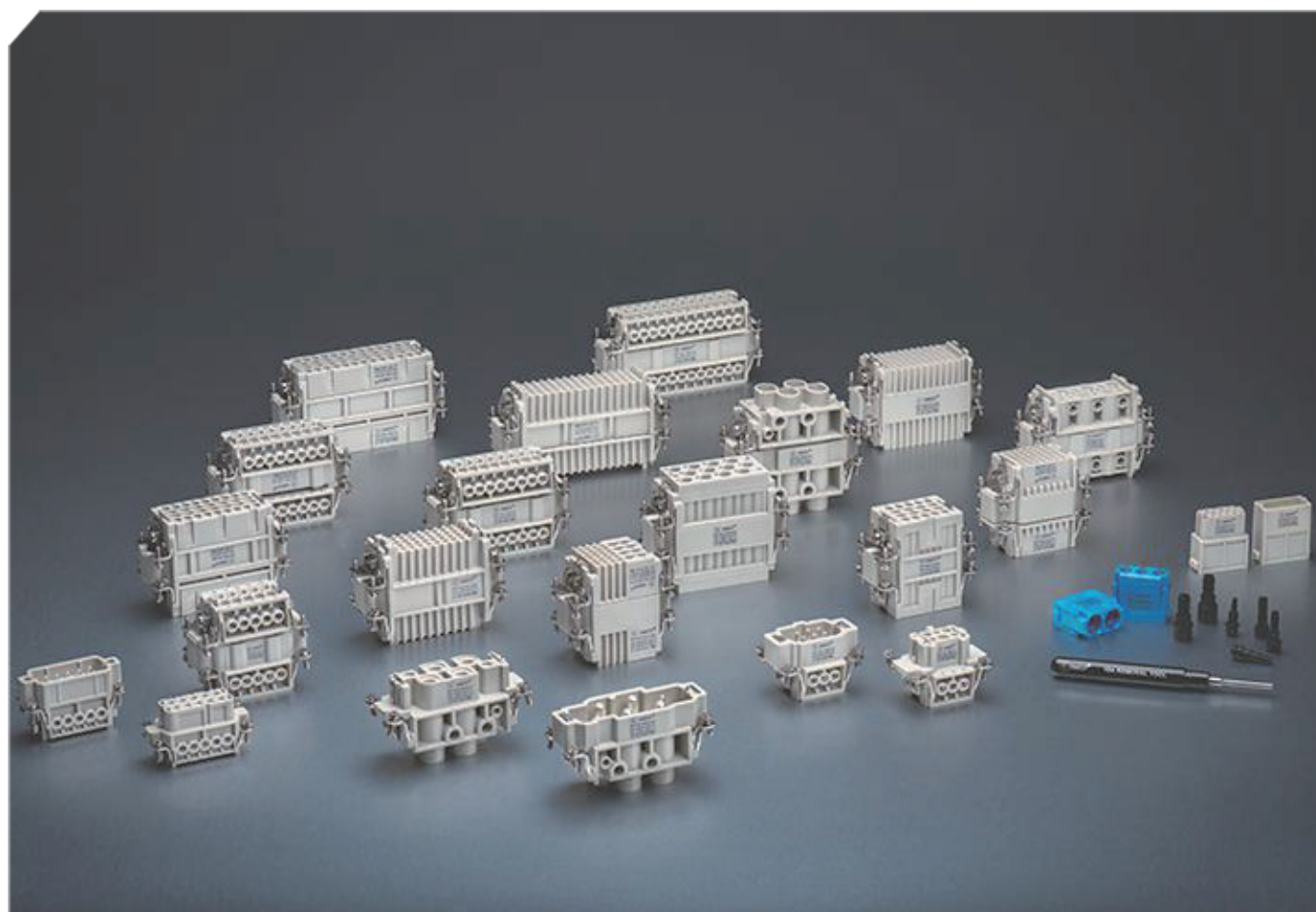


产品概述

Product Overview

NIETZ 重载连接器广泛应用于模具、机械制造、建筑机械、纺织机械、交通技术、电力能源、电力机车、通信技术等各种需要电气和信号连接的设备中。公司在产品设计制造过程中，拥有一支高素质的专业知识的骨干人员；并不断吸纳世界工业连接器行业最先进的理念及工艺，能够为客户提供高品质的产品。目前公司产品有螺钉连接型，弹片连接型，冷压连接型等系列产品，能满足不同的领域和不同的电气和信号连接。

NIETZ heavy-duty connectors are extensively used in equipment that requires electrical and signal connections, such as mold, machinery, construction machinery, textile machinery, transportation technology, electric energy, electric locomotives and so on various need electrical and petrochemical electrical equipment. SMICO adopts the most advanced concepts and processes in the global industrial connector industry during the product design and manufacturing process, with a high-quality professional knowledge Backbone personnel; which enables it to provide its clients with high-quality product. At present, the company Product have Screw terminal, Spring terminal, Crimp terminal and so on product series, to meet electrical or signal connecting requirements in different fields and for different purposes.



主要部件

Parts of the heavy duty connector

1. 电缆接头/Cable gland

尼龙或铜合金镀镍/Nylon or brass nickel plated
通用电缆接头/Universal cable gland
其他电缆接头/Other cable gland

2. 上壳/Hoods

标准或高结构/Low or high construction
顶部进线或侧面进线/Top or side cable entry
2耳，4耳或2扣/2blots or 4 blots or 2 locking levers

3. 公插芯 母插芯/Male insert or Female insert

螺丝连接/Screw terminal
冷压连接/Crimp terminal
弹片连接/Cage-clamp terminal

4. 冷压针 (适合于冷压接线的插体)

Crimp contacts (only for crimp connection insert)
镀金或镀银/Gold plated or silver plated
额定电流/Rated current:5A,10A,16A,40A

5. 下壳/Housings

开孔安装，表面安装或电缆对接
Bulkhead mounting or surface mounting or cable to cable
标准或高结构/Low or high construction
1扣，2扣或4耳/1 or 2 locking levers or 4 bolts
带塑料盖或带金属盖或不带盖
With or without thermoplastic/metal covers

6. 附件/Accessories

保护盖/Protective covers
编码销/Code and guide pins for coding
工具/Tools

电缆接头
Cable gland

上壳
Hoods

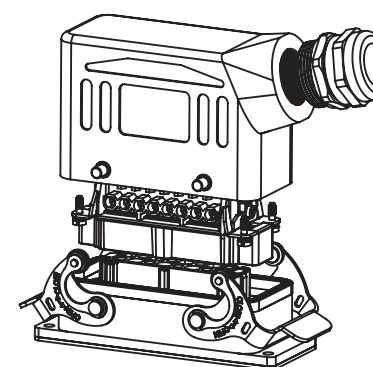
母插针
Female contacts

母接插体
Female insert

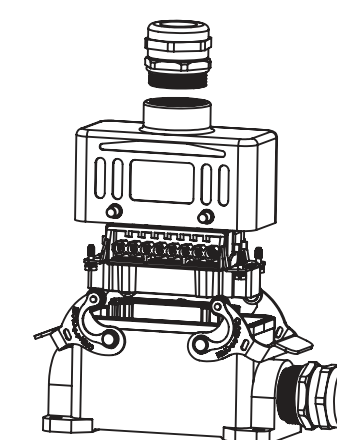
公接插体
Male insert

公插针
Male contacts

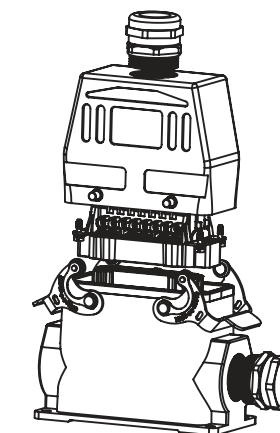
下壳
Housings



开孔安装/Bulkhead mounting
侧面出线/Side entry



表面安装/Surface mounting
顶出线/Top entry

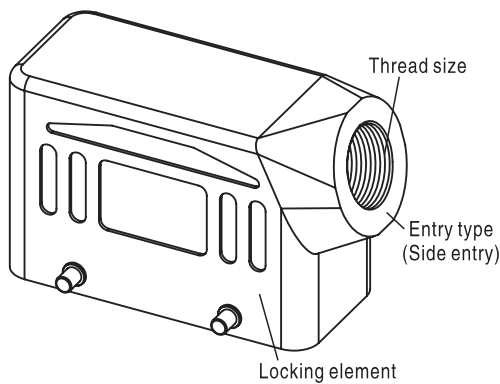


表面安装/Surface mounting
高结构，顶出线/High structure,Top entry

产品型号描述说明
Explain for the part number

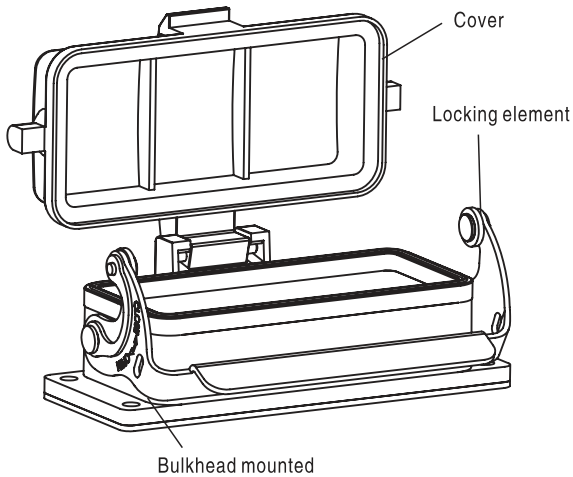
上壳/Hood
H24B-SK-4B-M25

- 进线口螺纹规格/Thread size
- 锁扣方式/Locking element
2B=2耳/2 bolts
4B=4耳/4 bolts
2L=2扣/2 levers
- 出线类型/Entry type
TK=顶部出线/Top entry
SK=侧面出线/Side entry
TKH=顶部出线高结构/TOP entry high construction
SKH=侧面出线高结构/Side entry high construction
- 系列/Series
H3A, H10A, H16A, H32A
H6B, H10B, H16B, H24B
H32B, H48B



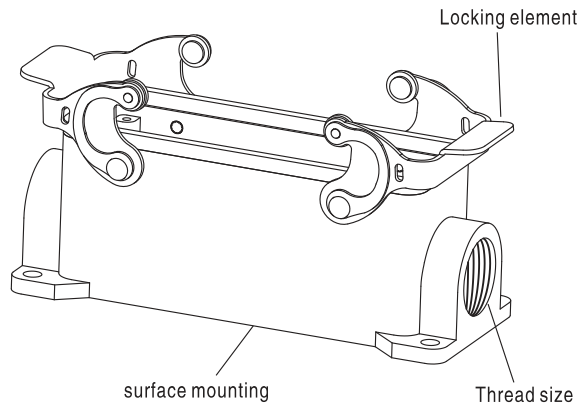
下壳/Housing
H24B-ST-CV-1L

- 锁扣方式/Locking element
2B=2耳/2 bolts
4B=4耳/4 bolts
1L=1扣/1 levers
- 盖子/Cover
- ST=开孔安装/Bulkhead mounted
- 系列/Series
H3A, H10A, H16A, H32A
H6B, H10B, H16B, H24B
H32B, H48B



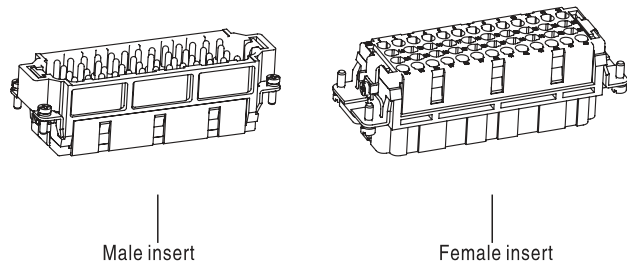
H24B-SG-2L-M25

- 进线口螺纹规格/Thread size
- 锁扣方式/Locking element
2B=2耳/2 bolts
4B=4耳/4 bolts
2L=2扣/2 levers
- SG=表面安装/Surface mounting
SGH=高结构, 表面安装
High structure, surface mounting
DJK=电缆对接/Cable to cable
DJKH=高结构, 电缆对接
High structure, cable to cable
- 系列/Series



插体/Insert
HEE-046-MC

- 螺钉连接/Screw terminal
M=公插/Male insert
F=母插/Female insert
冷压连接/Crimp terminal
MC=公插/Male insert
FC=母插/Female insert
- 极数/Num. of Cont



用外壳保护连接器

连接器上的外壳，密封件及锁扣装置使连接器的电气部件免受影响，比如冲击、异物、湿气、灰尘、水或清洁剂、冷却液、油等其他液体的入侵。

下图是保护等级一览表

字母代号		第一个数字防尘保护		第二个数字防水保护	
IP		6		5	
数字	保护范围	数字	保护范围	数字	保护范围
0	无安全防护：无接触保护，无防固体异物保护。	0	无防水保护	0	无防水保护
1	防大件异物保护：防止手部大面积接触，防止直径大于50mm的异物。	1	防滴水保护：防止垂直滴落的水滴。	1	防滴水保护：防止垂直滴落的水滴。
2	防中等大小异物保护：防止手指接触，防止直径大于12mm的异物。	2	防倾斜滴水保护：防止倾斜滴落的水滴（在垂直面15° 以内的任意角度）。	2	防倾斜滴水保护：防止倾斜滴落的水滴（在垂直面15° 以内的任意角度）。
3	防小件异物保护：防止工具，铁丝等直径大于2.5mm的物体接触，防止直径大于2.5mm的异物。	3	防洒水保护：防止来自垂直面60° 以内任意角度的洒水。	3	防洒水保护：防止来自垂直面60° 以内任意角度的洒水。
4	防颗粒状异物保护：同3中所述，防异物直径大于1mm。	4	防喷水保护：防止来自各个方向的喷水。	4	防喷水保护：防止来自各个方向的喷水。
5	防灰尘沉积保护：防止接触，防止内部灰尘沉积。	5	防射水保护：防止来自任意角度的喷射喷水（喷嘴）。	5	防射水保护：防止来自任意角度的喷射喷水（喷嘴）。
6	防灰尘进入保护：全面防止接触，防止灰尘进入。	6	防淹水保护：防止暂时性的淹水。	6	防淹水保护：防止暂时性的淹水。
		7	防浸水保护：防止暂时性的浸水。	7	防浸水保护：防止暂时性的浸水。
		8	防潜水保护：防止长时间浸没时加压水进入。	8	防潜水保护：防止长时间浸没时加压水进入。

Hoods/housings connector insert protection

The connector's housing,sealing and locking mechanism protect the connection from external influences such as mechanical shocks,foreign bodies,humidity,dust,water or other fluids such as cleansing and cooling agents, oils,etc,standards that categorize enclosures according to foreign body and water protection. The following table shows the different degrees of protection.

Code letters (International protection)		First Index Figure (Dust protection)		Second Index Figure (Water protection)	
IP		6		5	
Index figure	Degree of protection	Index figure	Degree of protection	Index figure	Degree of protection
0	No protection against accidental contact,no protection against solid foreign bodies.	0	No protection against water.	0	No protection against water.
1	Protection against contact with any large by hand and against large solid foreign bodies with $\phi > 50\text{mm}$.	1	Protection against vertical water drips.	1	Protection against vertical water drips.
2	Protection against contact with the fingers,protection against solid foreign bodies with $\phi > 12\text{mm}$.	2	Protection against water drips(up to a 15° angle).	2	Protection against water drips(up to a 15° angle).
3	Protection against tools,wires or similar object with $\phi > 2.5\text{mm}$, Protection against small solid foreign bodies with $\phi > 2.5\text{mm}$.	3	Protection against diagonal water drips(up to a 60° angle).	3	Protection against diagonal water drips(up to a 60° angle).
4	As 3 however $\phi > 1\text{mm}$.	4	Protection against splashed water from all directions.	4	Protection against splashed water from all directions.
5	Full protection against contact.Protection against interior dust deposits.	5	Protection against water(out of a nozzle) from all directions.	5	Protection against water(out of a nozzle) from all directions.
6	Total protection against contact.Protection against penetration of dust.	6	Protection against strong water(out of a nozzle) from all directions.	6	Protection against strong water(out of a nozzle) from all directions.
		7	Protection against temporary immersion.	7	Protection against temporary immersion.
		8	Protection against water pressure.	8	Protection against water pressure.

目录/Contents

插体/Inserts

HA	系列 HA	Series(螺钉连接/Screw terminal).....	7-9
HD	系列 HD	Series(冷压连接/Crimp terminal).....	10-13
HDD	系列 HDD	Series(冷压连接/Crimp terminal).....	14-16
HE	系列 HE	Series(螺钉, 冷压, 弹片连接/Screw,Crimp ,Cage Clamp terminal).....	17-23
HEE	系列 HEE	Series(冷压连接/Crimp terminal).....	24-26
HEEE	系列 HEEE	Series(冷压连接/Crimp terminal).....	27-29
HSB	系列 HSB	Series(螺钉连接/Screw terminal).....	30-31
HQV	系列 HQV	Series(螺钉连接/Screw terminal).....	32-33
HQ	系列 HQ	Series(冷压连接/Crimp terminal).....	34-47
HK	系列 HK	Series(螺钉, 冷压连接/Screw,Crimp terminal).....	48-67
HM	系列 HM	Series(螺钉, 冷压, 弹片连接/Screw,Crimp ,Cage Clamp terminal).....	68-88
HKS	系列 HKS	Series(螺钉, 冷压, Screw,Crimp ,).....	89

外壳/Hood&Housing

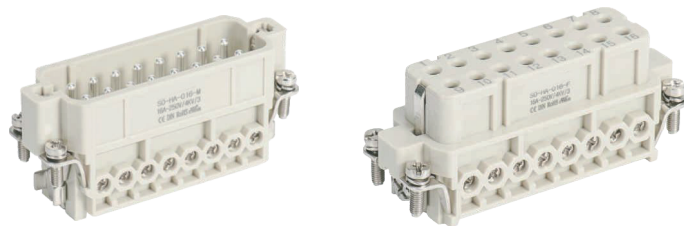
属性	Hood & Housing Feature.....	90-91
H1M	系列 H1M	Series.....92
H2M	系列 H2M	Series..... 93
HC	系列 HC	Series.....94-96
H3A	系列 H3A	Series.....97-101
H10A	系列 H10A	Series.....102-103
H16A	系列 H16A	Series.....104-105
H32A	系列 H32A	Series.....106-107
H6B	系列 H6B	Series.....108-113
H10B	系列 H10B	Series.....114-121
H16B	系列 H16B	Series.....122-129
H24B	系列 H24B	Series.....130-137
H32B	系列 H32B	Series.....138-139
H48B	系列 H48B	Series.....140

附件部分/Accessories

冷压针及工具	Crimp contact & Tool.....	141-149
编码销/附件	Code pin/Accessories.....	150-152
电缆接头	Cable gland.....	153-162
壳体底部安装尺寸图	Housing mounting dimensions.....	163
线束	Wiring Harness.....	164-170

HA

技术特性
Technical characteristics



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

规范/Specifications

接插体/Inserts

接插件针数

Number of contacts

DIN EN 60 664
DIN EN 61 984

3,4,10,16,32(2x16)+PE

HA-003/004

工作电流/Working current

(见负载图/See current carrying capacity)

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

10A 230/400 V 4 KV 3

HA-010/016

工作电流/Working current

(见负载图/See current carrying capacity)

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

16 A 250V 4 KV 3

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

$\geq 10^{10} \Omega$

Polycarbonate

V0

-40°C ~ +125°C

≥ 500

600V

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

铜/Copper alloy

镀银/Silver plated

$\leq 1m\Omega$

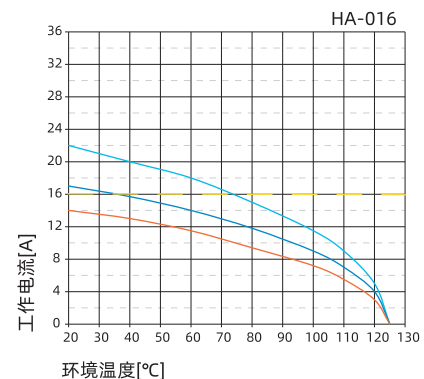
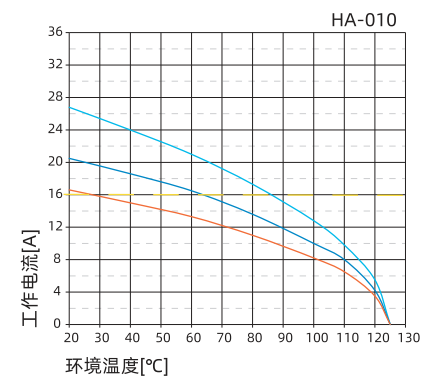
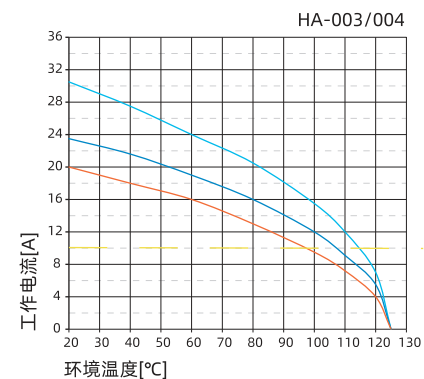
螺钉连接/Screw terminal

0.75-2.5mm²(AWG18-14)

(HA-003/004) 0.25Nm

(HA-010/016) 0.5Nm

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5



— 线径: 2.5mm²
— 线径: 1.5mm²
— 线径: 1.0mm²

插芯/Insert 230/400V 10A

HA

接插件针数
Number of contacts

3 + ⊕



TYPE

HA-003-M

HA-003-F

尺寸图

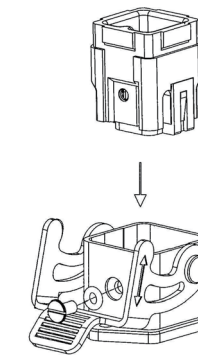
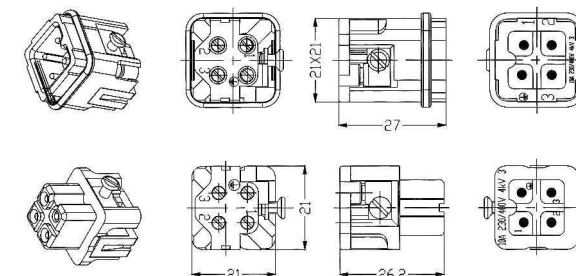
Drawing(Dimensions in mm)

公插体

Male insert (M)

母插体

Female insert (F)



安装示意图
Mounting example

Note: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HA

接插件针数
Number of contacts

4 + ⊕



TYPE

HA-004-M

HA-004-F

尺寸图

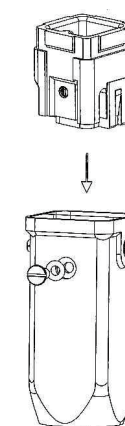
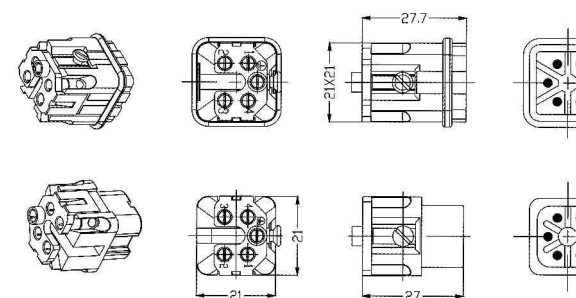
Drawing(Dimensions in mm)

公插体

Male insert (M)

母插体

Female insert (F)



安装示意图
Mounting example

Note: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

接插件针数
Number of contacts

10,16,32 + 



HA-010-M



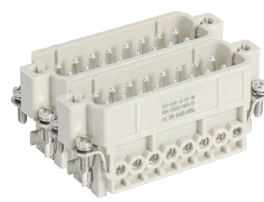
HA-010-F



HA-016-M

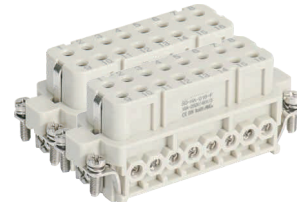


HA-016-F



HA-016-M

HA-016-M(17-32)

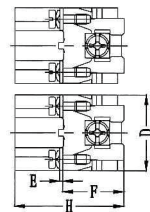
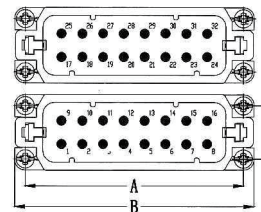
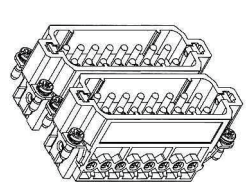


HA-016-F

HA-016-F(17-32)

HA 尺寸图
Drawing(Dimensions in mm)

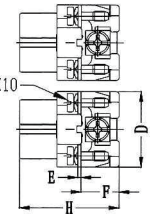
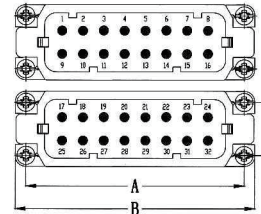
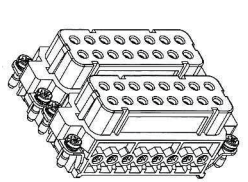
公插体
Male insert (M)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HA-010	49.5	56	16	22.8	1	18.4	33
SO-HA-016	66	72.4	16	22.8	1	18.4	33
SO-HA-032	66	72.4	16	22.8	1	18.4	33

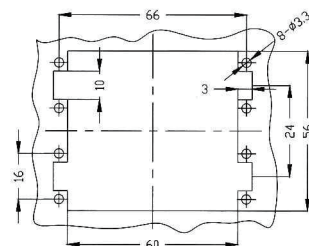
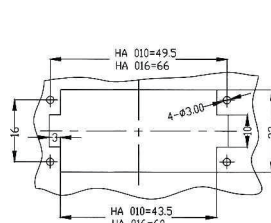
母插体
Female insert (F)



Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HA-010	49.5	56.5	16	22.8	1	11.5	30
SO-HA-016	66	72.4	16	22.8	1	11.5	30
SO-HA-032	66	72.4	16	22.8	1	11.5	30

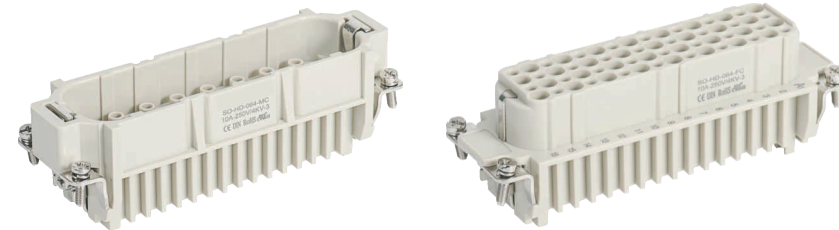
面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H10A,H16A,H32A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HD 技术特性

Technical characteristics



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

规范/Specifications

接插体/Inserts
接插件针数/Number of contacts

工作电流/Working current
(见负载图/See current carrying capacity)
工作电压/Working voltage
额定脉冲耐受电压/Rated impulse voltage
污染等级/Pollution degree

当污染程度2时参数/Pollution degree 2 also
绝缘电阻/Insulation resistance
材料/Material
阻燃等级UL94/Flammability acc.to(UL94)
工作温度范围/Limiting temperatures
插拔次数/Mechanical working life (mating cycles)
据UL/CSA工作电压/Working voltage acc.to UL/CSA

接插针/Contacts

材料/Material
表面处理/Surface

接触电阻/Contact resistance
接线形式/Terminal
导线规格/Wire gauge

DIN EN 60 664
DIN EN 61 984

7,15,25,40,50,64,80,128,
50(2x25),80(2x40),
128(2x64)+PE

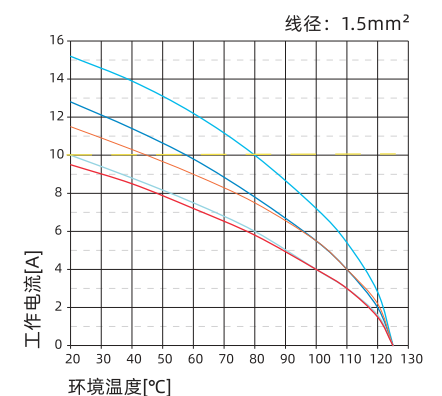
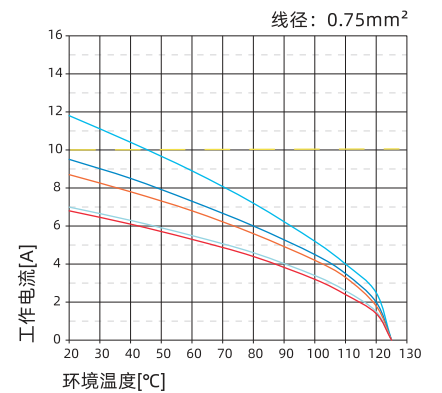
10A 250V 4KV 3

10 A 230/400V 4KV 2
 $\geq 10^{10} \Omega$

Polycarbonate
V0
-40°C ~ +125°C
 ≥ 500
600V

铜/Copper alloy
镀金/Gold plated
镀银/Silver plated
 $\leq 3m\Omega$
冷压压接/Crimp terminal
0.14-2.5mm²(AWG26-14)

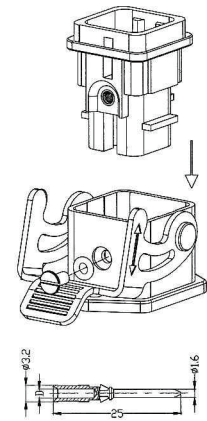
测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5



HD-007 HD-040
HD-015 HD-064
HD-025

HD
接插件针数
Number of contacts
7 + ⊕

插芯/Insert 250V 10A



安装示意图
Mounting example

TYPE

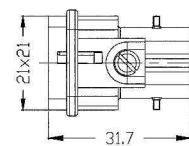
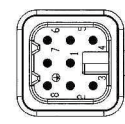
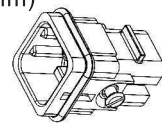
HD-007-MC

HD-007-FC

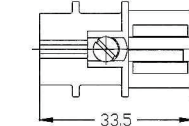
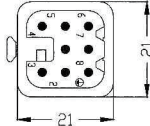
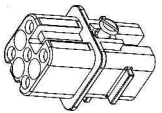
尺寸图

Drawing(Dimensions in mm)

公插体
Male insert (MC)



母插体
Female insert (FC)



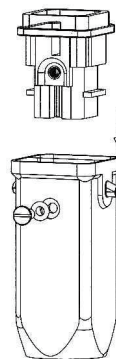
Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
	0.75mm ²	AWG 18	1.30mm
Silver plated	1.0mm ²	AWG 18	1.45mm
	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm

Note: 10A冷压针需另外订购, 订货号详情请参见第138页
Crimp termina of 10A should order contacts pins separately, detail please refer to page 138

HD

HD
接插件针数
Number of contacts
8 + ⊕

插芯/Insert -120V/~50V 10A



安装示意图
Mounting example

TYPE

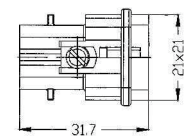
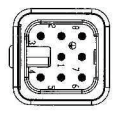
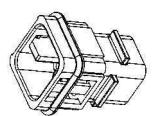
HD-008-MC

HD-008-FC

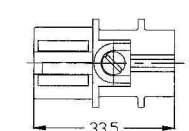
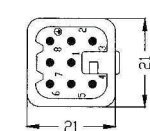
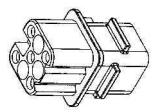
尺寸图

Drawing(Dimensions in mm)

公插体
Male insert (MC)



母插体
Female insert (FC)



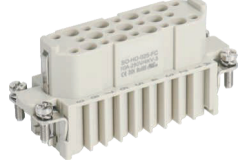
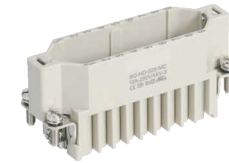
Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
	0.75mm ²	AWG 18	1.30mm
Silver plated	1.0mm ²	AWG 18	1.45mm
	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm

Note: 10A冷压针需另外订购, 订货号详情请参见第142页
Crimp termina of 10A should order contacts pins separately, detail please refer to page 142

Note: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HD
接插件针数
Number of contacts
15,25,40,64 + ⊕

插芯/Insert 250V 10A



TYPE

HD-015-MC

HD-015-FC

HD-025-MC

HD-025-FC

TYPE

HD-040-MC

HD-040-FC

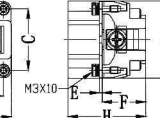
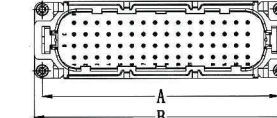
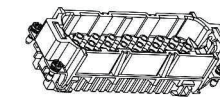
HD-064-MC

HD-064-FC

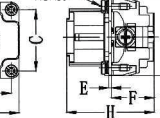
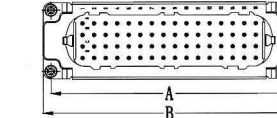
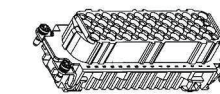
尺寸图

Drawing(Dimensions in mm)

公插体
Male insert (MC)



母插体
Female insert (FC)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HD-015	49.5	56.5	16	22.8	1	14	33
SO-HD-025	66	73	16	22.8	1.2	14.8	34
SO-HD-040	77.5	84.5	27	34	1.2	19	34
SO-HD-064	104	111	27	34	1.2	19	36

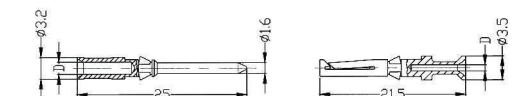
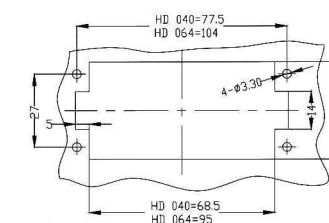
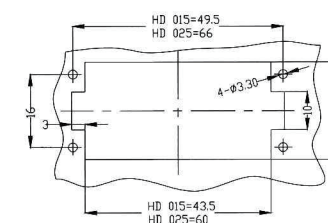
Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HD-015	49.5	56.5	16	22.8	1	14.5	33.2
SO-HD-025	66	73	16	22.8	1	15.5	34
SO-HD-040	77.5	84.5	27	34	1.2	16.8	37.2
SO-HD-064	104	111	27	34	1.2	19	38.5

面板安装开孔图

Panel cut out for inserts

for use without hoods/housings



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
	0.75mm ²	AWG 18	1.30mm
Silver plated	1.0mm ²	AWG 18	1.45mm
	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm

Note: 配套外壳 Suit hood/housing: Size H10A,H16A,H16B,H24B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

Note: 10A冷压针需另外订购, 订货号详情请参见第142页
Crimp termina of 10A should order contacts pins separately, detail please refer to page 142

HD

接插件针数
Number of contacts50,80,128 + 

插芯/Insert 250V 10A

TYPE

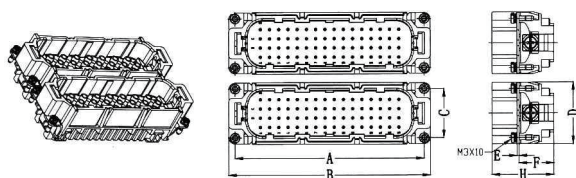
HD-025-MC
HD-025-MC(26-50)HD-025-FC
HD-025-FC(26-50)HD-040-MC
HD-040-MC(41-80)

TYPE

HD-040-FC
HD-040-FC(41-80)HD-064-MC
HD-064-MC(65-128)HD-064-FC
HD-064-FC(65-128)

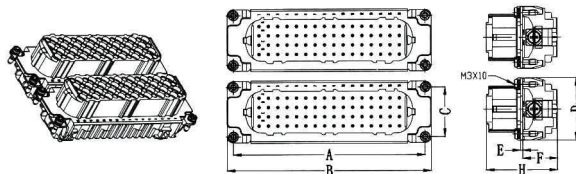
尺寸图

Drawing(Dimensions in mm)

公插体
Male insert (MC)

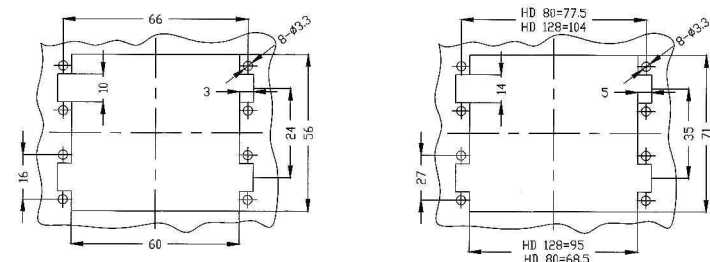
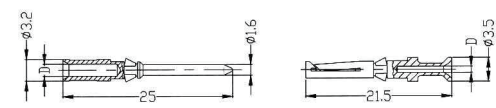
Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HD-050	66	73	16	22.8	1	14.8	34
SO-HD-080	77.5	84.5	27	34	1.2	19	37
SO-HD-128	104	111	27	34	1.2	19	36

母插体
Female insert (FC)

Female insert(F)

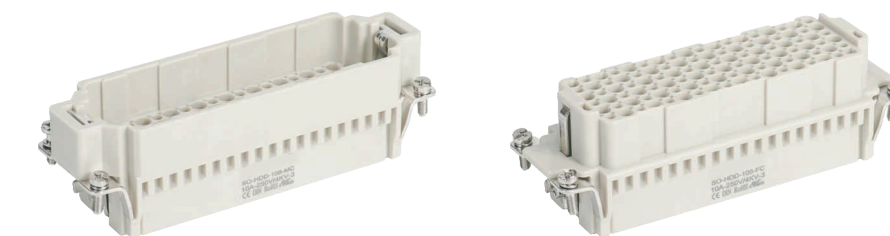
number of contacts	A	B	C	D	E	F	H
SO-HD-050	66	73	16	2.8	1	15.5	34
SO-HD-080	77.5	84.5	27	34	1.2	16.8	37.2
SO-HD-128	104	111	27	34	1.2	19	38.5

面板安装开孔图
Panel cut out for inserts
for use without hoods/housingsNote: 配套外壳 Suit hood/housing: Size H32A,H32B,H48B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ² AWG 26-22	0.90mm	8mm
	0.5mm ² AWG 20	1.10mm	8mm
	0.75mm ² AWG 18	1.30mm	8mm
Silver plated	1.0mm ² AWG 18	1.45mm	8mm
	1.5mm ² AWG 16	1.75mm	8mm
	2.5mm ² AWG 14	2.25mm	6mm

Note: 10A冷压针需另外订购, 订货号详情请参见第142页
Crimp termina of 10A should order contacts pins separately,detail please refer to page 142

HDD

技术特性
Technical characteristics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
The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals测试和控制过程依据DIN IEC 60512-5
Control and test procedures according to DIN IEC 60512-5

规范/Specifications

DIN EN 60 664
DIN EN 61 984

接插体/Inserts

接插件针数/Number of contacts

24,42,72,108,144,216
144(2x72),216(2x108)+PE

工作电流/Working current

(见负载图/See current carrying capacity)

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

当污染程度2时参数/Pollution degree 2 also

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

10A 250V 4KV 3

10 A 230/400V 4KV 2

 $\geq 10^{10}\Omega$

Polycarbonate

V0

 $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ ≥ 500

600V

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

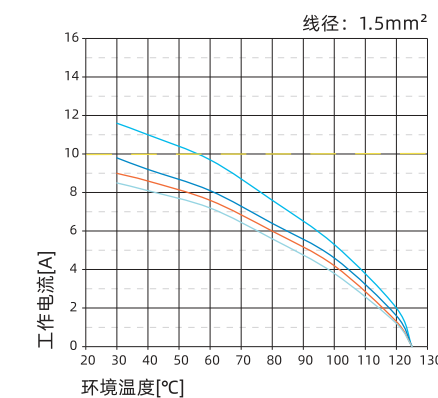
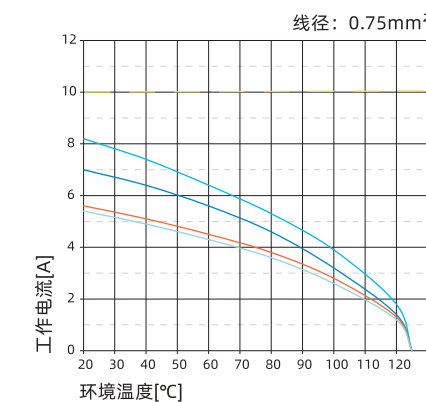
铜/Copper alloy

镀金/Gold plated

镀银/Silver plated

 $\leq 3\text{m}\Omega$

冷压压接/Crimp terminal

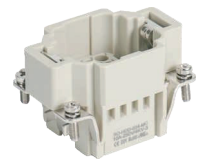
0.14-2.5mm²(AWG26-14)— HDD-024 — HDD-072
— HDD-042 — HDD-108

HDD

接插件针数
Number of contacts

24,42,72,108 + ⊕

插芯/Insert 250V 10A



HDD-024-MC



HDD-024-FC



HDD-042-MC



HDD-042-FC

TYPE



HDD-072-MC



HDD-072-FC



HDD-108-MC



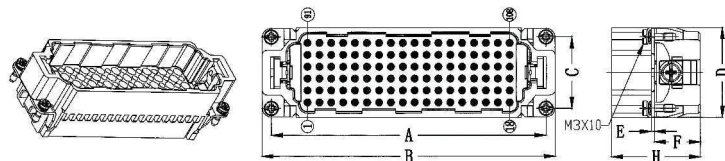
HDD-108-FC

TYPE

尺寸图

Drawing(Dimensions in mm)

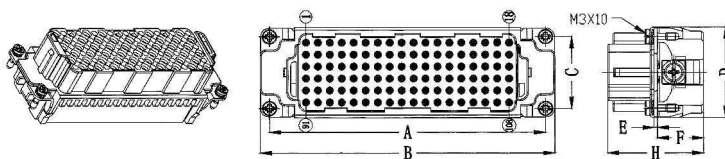
公插体
Male insert (MC)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HDD-024	44	51	27	34	1.2	17.4	33.6
SO-HDD-042	57	64	27	34	1.2	17.4	33.6
SO-HDD-072	77.5	84.5	27	34	1.2	17.4	33.6
SO-HDD-108	104	111	27	34	1.2	17.4	33.6

母插体
Female insert (FC)

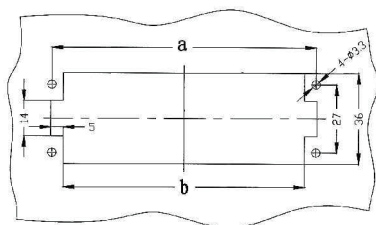


Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HDD-024	44	51	27	34	1.2	17.4	36.1
SO-HDD-042	57	64	27	34	1.2	17.4	36.1
SO-HDD-072	77.5	84.5	27	34	1.2	17.4	36.1
SO-HDD-108	104	111	27	34	1.2	17.4	36.1

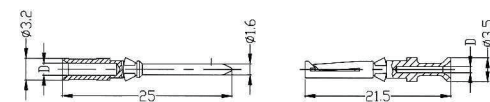
面板安装开孔图

Panel cut out for inserts
for use without hoods/housings



Panel cut out

Size	a	b
SO-H6B	44	35
SO-H10B	57	48
SO-H16B	77.5	68.5
SO-H24B	104	95



Crimp contacts	Wire gauge		D	Stripping length
Gold plated	0.14–0.37mm ²	AWG 26–22	0.90mm	8mm
	 0.5mm ²	AWG 20	1.10mm	8mm
	 0.75mm ²	AWG 18	1.30mm	8mm
Silver plated	1.0mm ²	AWG 18	1.45mm	8mm
	 1.5mm ²	AWG 16	1.75mm	8mm
	 2.5mm ²	AWG 14	2.25mm	6mm

Note: 配套外壳 Suit hood/housing: Size H6B,H10B,H16B,H24B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

Note: 10A冷压针需另外订购, 订货号详情请参见第142页
Crimp termina of 10A should order contacts
pins separately,detail please refer to page 142

HDD

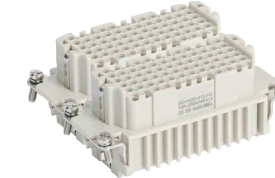
接插件针数
Number of contacts

144,216 + ⊕

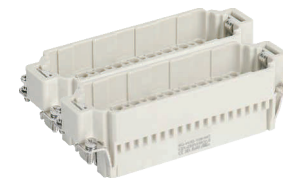
插芯/Insert 250V 10A



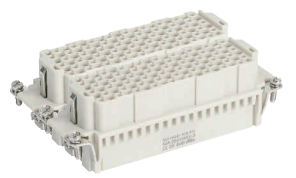
HDD-072-MC



HDD-072-FC



HDD-108-MC



HDD-108-FC

TYPE

HDD-072-MC(73-144)

HDD-072-FC(73-144)

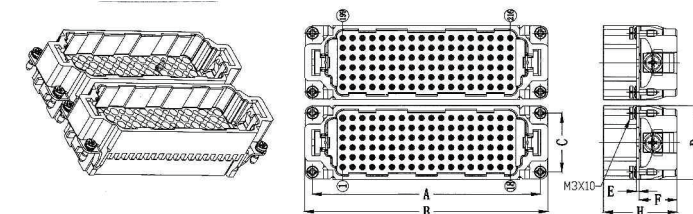
HDD-108-MC(109-216)

HDD-108-FC(109-216)

尺寸图

Drawing(Dimensions in mm)

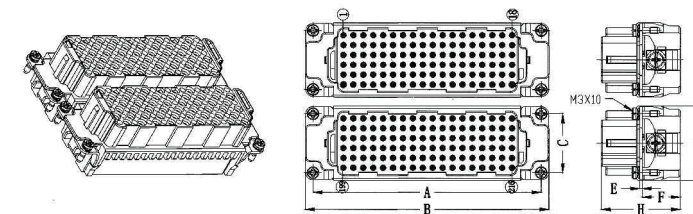
公插体
Male insert (MC)



Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HDD-144	77.5	84.5	27	34	1.2	17.4	33.6
SO-HDD-216	104	111	27	34	1.2	17.4	33.6

母插体
Female insert (FC)

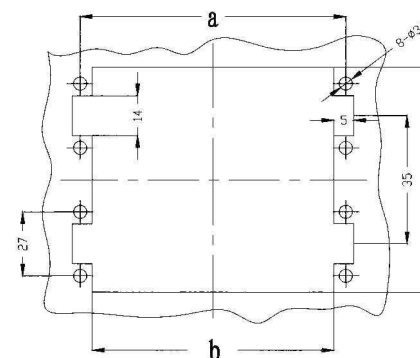


Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HDD-144	77.5	84.5	27	34	1.2	17.4	36.1
SO-HDD-216	104	111	27	34	1.2	17.4	36.1

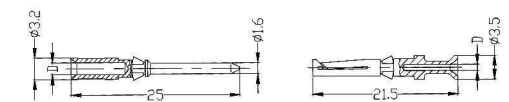
面板安装开孔图

Panel cut out for inserts
for use without hoods/housings



Panel cut out

Size	a	b
SO-H32B	77.5	68.5
SO-H48B	104	95.0

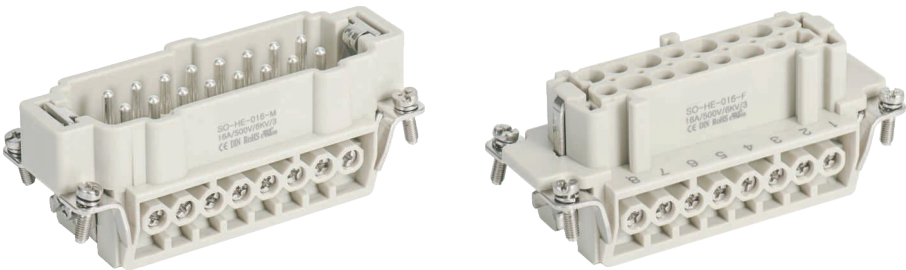


Crimp contacts	Wire gauge		D	Stripping length
Gold plated	0.14–0.37mm ²	AWG 26–22	0.90mm	8mm
	 0.5mm ²	AWG 20	1.10mm	8mm
	 0.75mm ²	AWG 18	1.30mm	8mm
Silver plated	1.0mm ²	AWG 18	1.45mm	8mm
	 1.5mm ²	AWG 16	1.75mm	8mm
	 2.5mm ²	AWG 14	2.25mm	6mm

Note: 配套外壳 Suit hood/housing: Size H32B,H48B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

Note: 10A冷压针需另外订购, 订货号详情请参见第142页
Crimp termina of 10A should order contacts
pins separately,detail please refer to page 142

HE 系列 常规型插芯
HE Series Standard inserts



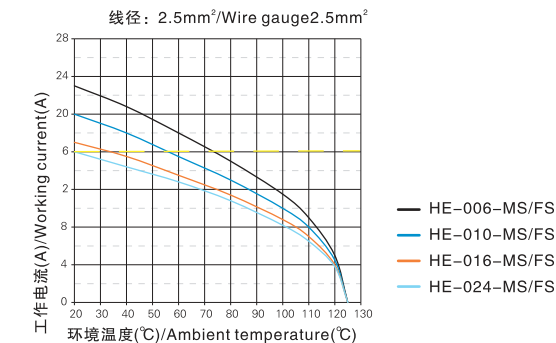
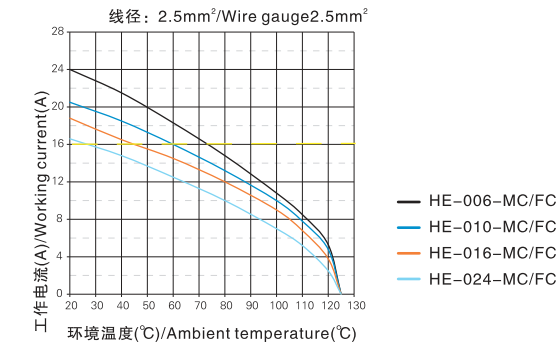
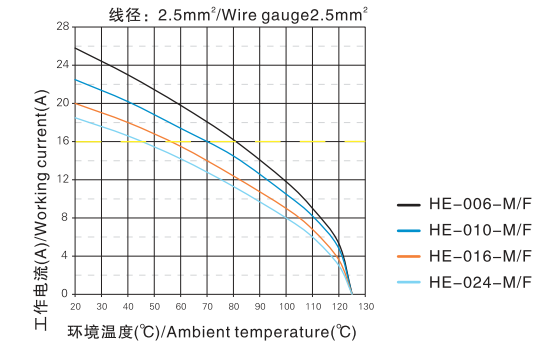
技术参数/Technical characteristics

规范/认证 Specifications/Approvals	
规范/Specifications	DIN EN 60 664 DIN EN 61 984
认证/Approvals	 
插芯/Inserts	
插插件针数/Number of contacts	6,10,16,24,32(2X16),48(2X24)+PE
依据EN61 984的额定电压/Electrical date acc.to DIN EN 61 984	
-额定电流/Rated current	16A
-额定电压/Rated voltage	500V
-额定脉冲电压/Rated impulse voltage	6KV
-污染程度/Pollution degree	3
-污染程度2时的参数/Pollution degres 2 also	16A 400/690V 6KV 2
依据UL/CSA额定电压/Rated voltage acc.to UL	600V
绝缘电阻/Insulation resistance	≥1010Ω
材料/Material	聚碳酸酯/Polycarbonate
工作温度范围/Limiting temperatures	-40℃...+125℃
依据UL94的阻燃等级/Flammability acc.to UL 94	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	镀金/Hard-gold plated
接触电阻/Contact resistance	≤1mΩ
螺钉连接/Screw terminal	
-导线规格/Wrie gauge	0.75-2.5mm ²
-AWG	18-14
-拧紧/检测力矩/Tightening/Test torque	0.5Nm
-剥线长度/Stripping lenght	7.0mm
冷压连接/Crimp terminal	
-导线规格/Wrie gauge	0.14-4.0mm ²
-AWG	26-12
-剥线长度/Stripping length	7.5mm
弹片连接/Spring terminal	
-导线规格/Wrie gauge	0.14-2.5mm ²
-AWG	26-14
-剥线长度/Stripping lenght	7-9mm

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装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
Control and test procedures according to DIN EN60512-5



HE-006常规型插芯/HE-006 Standard inserts
500V 16A 6+⊕

插芯 inserts

螺丝连接/Screw terminal



插芯/inserts	型号/Type
公/Male	SO-HE-006-M
母/Female	SO-HE-006-F

冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HE-006-MC
母/Female	SO-HE-006-FC

弹片连接 (快接)
Cage clamp terminal (quick connection)



插芯/inserts	型号/Type
公/Male	SO-HE-006-MS
母/Female	SO-HE-006-FS

弹片连接Cage clamp terminal



插芯/inserts	型号/Type
公/Male	SO-HE-006-MS B
母/Female	SO-HE-006-FS B

冷压针 Crimp contacts

16A 冷压针 / 16A Crimp contacts

接触电阻≤1mΩ
Contact resistance≤1mΩ
镀银/Silver plated



镀金/Gold plated



公/Male	母/Female
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0

CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-3.0	CEGF-3.0
CEGM-4.0	CEGF-4.0

工具/Tools

冷压钳
Crimping tool



退针器
Contact removal tool



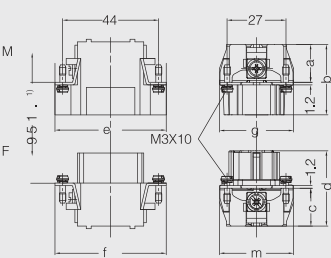
压接线径/Wire gauge	型号/Type
0.5-4mm ²	TL02G

压接线径: 0.14-0.37mm²请选择TL02G冷压钳
Wire gauge: 0.14-0.37mm² please select TL02G Crimping tool

适用类型/Application for crimp contacts 16A	型号/Type
	TL01

1)接插体之间最大距离21mm

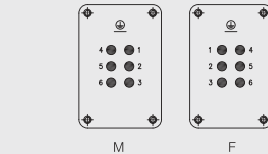
1)Distance for contact mas.21mm



	a	b	e	g	c	d	f	m
M/F	16	32,4	51	34	16,8	34,5	50,5	34
MC/FC	18	33	51	34	18	35	50,5	34
MCN/FCN	18,3	34	51	34	19	36	51	34
MS/FS	18	33,3	51	34	18,2	35,4	50,5	34
MSS/FSs	34,5	49,5	50	34	33,4	50	50	34
MS B / FS B	19,5	34,7	51	34	19	36,5	51	34

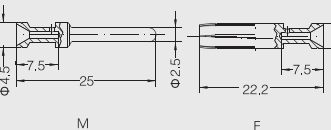
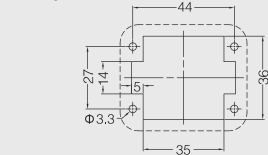
接插针排序

Contact arrangement view from termination side



面孔安装开孔图

Panel cut out for inserts for use withouthoods/housings



标示	线规	剥线长度
no groove	0,14-0,37 mm ²	AWG 26-22 7,5mm
no groove	0,5 mm ²	AWG 20 7,5mm
1 groove	0,75 mm ²	AWG 18 7,5mm
1 groove	1 mm ²	AWG 18 7,5mm
2 grooves	1,5 mm ²	AWG 16 7,5mm
3 grooves	2,5 mm ²	AWG 14 7,5mm
wide groove	3 mm ²	AWG 12 7,5mm
no groove	4 mm ²	AWG 12 7,5mm

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

注意事项: 冷压压接的工具关系到产品的品质稳定性, 请选择我们认证的工具.

Notes:The tools for crimp terminal may influence the product quality and stability, Please select the tools recognized by our company.

Note: 配套外壳 Suit hood/housing: Size H6B,
外壳详细参数见 “外壳部分”
Hood/Housing detail on "Hood/Housing" section

HE-010常规型插芯/HE-010 Standard inserts

500V 16A 10+ 

插芯 inserts

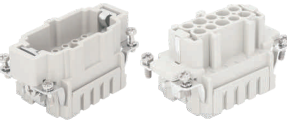
螺丝连接/Screw terminal



插芯/inserts	型号/Type
公/Male	SO-HE-010-M
母/Female	SO-HE-010-F

冷压连接 冷压针需要另外订购

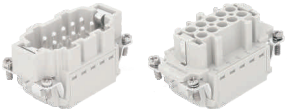
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HE-010-MC
母/Female	SO-HE-010-FC

弹片连接 (快接)

Cage clamp terminal (quick connection)



插芯/inserts	型号/Type
公/Male	SO-HE-010-MS
母/Female	SO-HE-010-FS

弹片连接Cage clamp terminal



插芯/inserts	型号/Type
公/Male	SO-HE-010-MS B
母/Female	SO-HE-010-FS B

冷压针 Crimp contacts

16A 冷压针/16A Crimp contacts

接触电阻≤1mΩ

Contact resistance≤1mΩ

镀银/Silver plated



镀金/Gold plated



工具/Tools

冷压钳

Crimping tool



退针器

Contact removal tool



公/Male	母/Female
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0

CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-3.0	CEGF-3.0
CEGM-4.0	CEGF-4.0

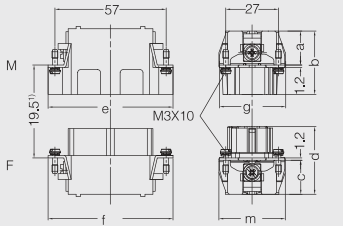
压接线径/Wire gauge	型号/Type
0.5-4mm ²	TL02G

压接线径: 0.14-0.37mm²请选择TL02G冷压钳
Wire gauge: 0.14-0.37mm² please select TL02G Crimping tool

适用类型/Application for crimp contacts 16A	型号/Type
	TL01

1)接插体之间最大距离21mm

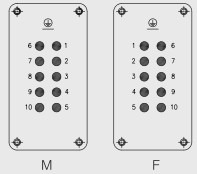
1)Distance for contact mas.21mm



	a	b	e	g	c	d	f	m
M/F	16,5	32	64,5	34	16,8	34,2	64	34
MC/FC	18	33	64	34	17,5	35,2	64	34
MS/FS	18,5	33,5	64	34	18,5	35,6	64	34
MSS/FSS	34	49	64	34	33,5	49,5	63	34
MS B / FS B	19	34,5	64	34	18,6	36	64	34

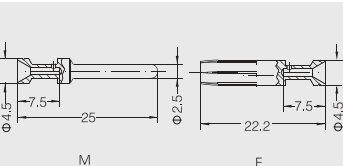
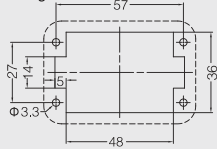
接插针排序

Contact arrangement view from termination side



面孔安装开孔图

Panel cut out for inserts for use without hoods/housings



标示	线规	剥线长度
no groove	0,14-0,37 mm ²	AWG 26-22 7,5mm
no groove	0,5 mm ²	AWG 20 7,5mm
1 groove	0,75 mm ²	AWG 18 7,5mm
1 groove	1 mm ²	AWG 18 7,5mm
2 grooves	1,5 mm ²	AWG 16 7,5mm
3 grooves	2,5 mm ²	AWG 14 7,5mm
wide groove	3 mm ²	AWG 12 7,5mm
no groove	4 mm ²	AWG 12 7,5mm

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

注意事项: 冷压压接的工具关系到产品的品质稳定性, 请选择我司认证的工具。
Notes:The tools for crimp terminal may influence the product quality and stability, Please select the tools recognized by our company.

Note: 配套外壳 Suit hood/housing: Size H10B, 外壳详细参数见 “外壳部分”
Hood/Housing detail on "Hood/Housing" section

HE-016常规型插芯/HE-016 Standard inserts

500V 16A 16+ 

插芯 inserts

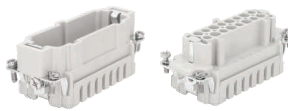
螺丝连接/Screw terminal



插芯/inserts	型号/Type
公/Male	SO-HE-016-M
母/Female	SO-HE-016-F

冷压连接 冷压针需要另外订购

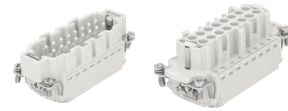
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HE-016-MC
母/Female	SO-HE-016-FC

弹片连接 (快接)

Cage clamp terminal (quick connection)



插芯/inserts	型号/Type
公/Male	SO-HE-016-MS
母/Female	SO-HE-016-FS

弹片连接Cage clamp terminal



插芯/inserts	型号/Type
公/Male	SO-HE-016-MS B
母/Female	SO-HE-016-FS B

冷压针 Crimp contacts

16A 冷压针/16A Crimp contacts

接触电阻≤1mΩ

Contact resistance≤1mΩ

镀银/Silver plated



镀金/Gold plated



公/Male	母/Female
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0

CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-3.0	CEGF-3.0
CEGM-4.0	CEGF-4.0

压接线径/Wire gauge	型号/Type
0.5-4mm ²	TL02G

压接线径: 0.14-0.37mm²请选择TL02G冷压钳
Wire gauge: 0.14-0.37mm² please select TL02G Crimping tool

适用类型/Application for crimp contacts 16A	型号/Type
	TL01

工具/Tools

冷压钳

Crimping tool



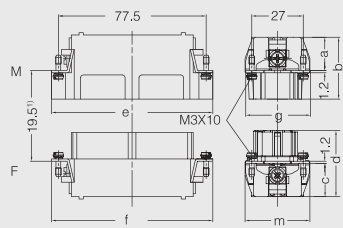
退针器

Contact removal tool



1)接插体之间最大距离21mm

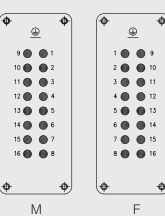
1)Distance for contact mas.21mm



	a	b	e	g	c	d	f	m
M/F	17	32,5	84,2	34	17	34,5	84,2	33,5
MC/FC	18	33,5	84,5	34	18	35	84,5	34
MS/FS	18	33,7	84,5	34	18,2	35,5	84,5	34
MSS/FSS	34,3	49	84,5	34	32,2	49	84,5	34
MS B / FS B	19,6	34,7	84,3	34	18,6	36	84,5	34

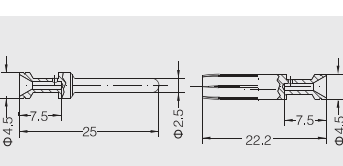
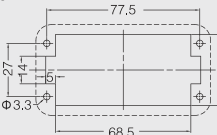
接插针排序

Contact arrangement view from termination side



面孔安装开孔图

Panel cut out for inserts for use without hoods/housings



标示	线规	剥线长度
no groove	0,14-0,37 mm ²	AWG 26-22 7,5mm
no groove	0,5 mm ²	AWG 20 7,5mm
1 groove	0,75 mm ²	AWG 18 7,5mm
1 groove	1 mm ²	AWG 18 7,5mm
2 grooves	1,5 mm ²	AWG 16 7,5mm
3 grooves	2,5 mm ²	AWG 14 7,5mm
wide groove	3 mm ²	AWG 12 7,5mm
no groove	4 mm ²	AWG 12 7,5mm

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

注意事项: 冷压压接的工具关系到产品的品质稳定性, 请选择我司认证的工具。
Notes:The tools for crimp terminal may influence the product quality and stability, Please select the tools recognized by our company.

Note: 配套外壳 Suit hood/housing: Size H16B, 外壳详细参数见 “外壳部分”
Hood/Housing detail on "Hood/Housing" section

HE-024常规型插芯/HE-024 Standard inserts

500V 16A 24+ 

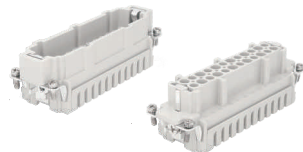
插芯 inserts

螺丝连接/Screw terminal



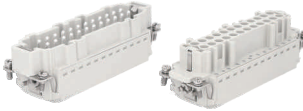
插芯/inserts	型号/Type
公/Male	SO-HE-024-M
母/Female	SO-HE-024-F

冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HE-024-MC
母/Female	SO-HE-024-FC

弹片连接 (快捷)
Cage clamp terminal (quick connection)



插芯/inserts	型号/Type
公/Male	SO-HE-024-MS
母/Female	SO-HE-024-FS

弹片连接Cage clamp terminal



插芯/inserts	型号/Type
公/Male	SO-HE-024-MS B
母/Female	SO-HE-024-FS B

冷压针 Crimp contacts

16A 冷压针/ 16A Crimp contacts

接触电阻 ≤1mΩ
Contact resistance ≤1mΩ
镀银/Silver plated



镀金/Gold plated



工具/Tools

冷压钳
Crimping tool



退针器
Contact removal tool



公/Male	母/Female
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0

CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-3.0	CEGF-3.0
CEGM-4.0	CEGF-4.0

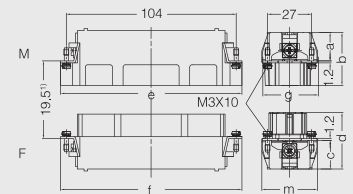
压接线径/Wire gauge	型号/Type
0.5-4mm ²	TL02G

压接线径: 0.14-0.37mm²请选择TL02G冷压钳
Wire gauge: 0.14-0.37mm² please select TL02G Crimping tool

适用类型/Application	型号/Type
for crimp contacts 16A	TL01

1)接插体之间最大距离21mm

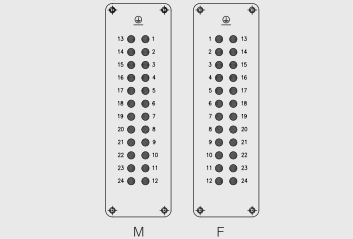
1)Distance for contact mas.21mm



	a	b	e	g	c	d	f	m
M/F	17	32.5	111	33.5	17	34.5	111	33.5
MC/FC	18.3	33.5	111	34	18.3	35.5	111	34
MS/FS	18.5	33.6	111	34	18.5	35.6	111	34
MSS/FSS	34	49	110	34	32	49	110	34
MS B /FS B	19.6	34.7	111	34	19	36.2	111	34

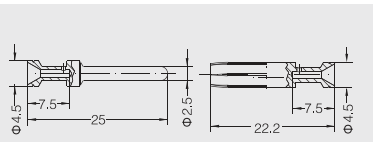
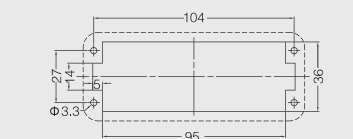
接插针排序

Contact arrangement view from termination side



面孔安装开孔图

Panel cut out for inserts for use without hoods/housings



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

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

注意事项: 冷压压接的工具关系到产品的品质稳定性, 请选择我司认证的工具。
Notes:The tools for crimp terminal may influence the product quality and stability,Please select the tools recognized by our company.

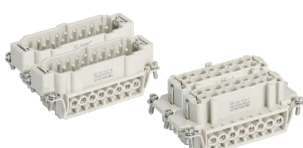
Note: 配套外壳 Suit hood/housing: Size H24B, 外壳详细参数见 “外壳部分”
Hood/Housing detail on "Hood/Housing" section

HE-032常规型插芯/HE-032 Standard inserts

500V 16A 32+ 

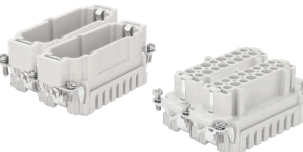
插芯 inserts

螺丝连接/Screw terminal



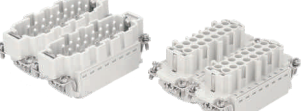
插芯/inserts	型号/Type
公/Male	SO-HE-016-M
	SO-HE-016-M(17-32)
母/Female	SO-HE-016-F
	SO-HE-016-F(17-32)

冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



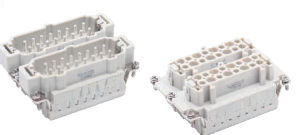
插芯/inserts	型号/Type
公/Male	SO-HE-016-MC
	SO-HE-016-MC(17-32)
母/Female	SO-HE-016-FC
	SO-HE-016-FC(17-32)

弹片连接 (快捷)
Cage clamp terminal (quick connection)



插芯/inserts	型号/Type
公/Male	SO-HE-016-MS
	SO-HE-016-MS(17-32)
母/Female	SO-HE-016-FS
	SO-HE-016-FS(17-32)

弹片连接Cage clamp terminal



插芯/inserts	型号/Type
公/Male	SO-HE-016-MS B
	SO-HE-016-MS B(17-32)
母/Female	SO-HE-016-FS B
	SO-HE-016-FS B(17-32)

冷压针 Crimp contacts

16A 冷压针/ 16A Crimp contacts

接触电阻 ≤1mΩ
Contact resistance ≤1mΩ
镀银/Silver plated



镀金/Gold plated



工具/Tools

冷压钳
Crimping tool



退针器
Contact removal tool



公/Male	母/Female
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0

CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-3.0	CEGF-3.0
CEGM-4.0	CEGF-4.0

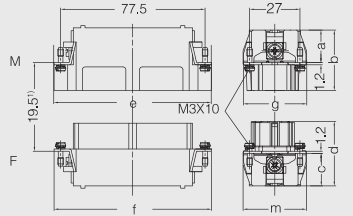
压接线径/Wire gauge	型号/Type
0.5-4mm ²	TL02G

压接线径: 0.14-0.37mm²请选择TL02G冷压钳
Wire gauge: 0.14-0.37mm² please select TL02G Crimping tool

适用类型/Application	型号/Type
for crimp contacts 16A	TL01

1)接插体之间最大距离21mm

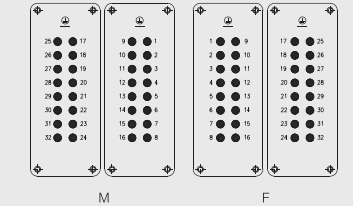
1)Distance for contact mas.21mm



	a	b	e	g	c	d	f	m
M/F	17	32.5	84.2	34	17	34.5	84.2	33.5
MC/FC	18	33.5	84.5	34	18	35	84.5	34
MS/FS	18	33.7	84.5	34	18.2	35.5	84.5	34
MSS/FSS	34.3	49	84.5	34	32.2	49	84.5	34
MS B /FS B	19.6	34.7	84.3	34	18.6	36	84.5	34

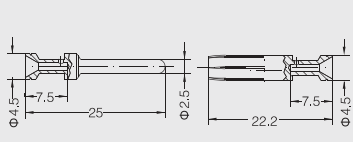
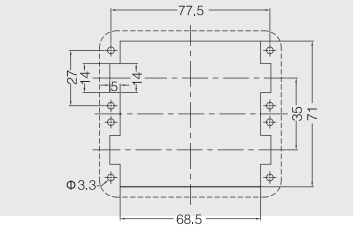
接插针排序

Contact arrangement view from termination side



面孔安装开孔图

Panel cut out for inserts for use without hoods/housings



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

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

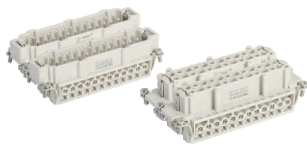
注意事项: 冷压压接的工具关系到产品的品质稳定性, 请选择我司认证的工具。
Notes:The tools for crimp terminal may influence the product quality and stability,Please select the tools recognized by our company.

Note: 配套外壳 Suit hood/housing: Size H32B, 外壳详细参数见 “外壳部分”
Hood/Housing detail on "Hood/Housing" section

HE-048常规型插芯/HE-048Standard inserts
500V 16A 48+⊕

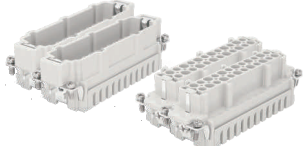
插芯 inserts

螺丝连接/Screw terminal



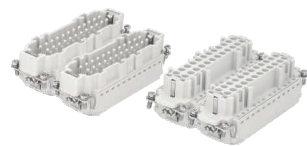
插芯/inserts	型号/Type
公/Male	SO-HE-024-M
	SO-HE-024-M(25-48)
母/Female	SO-HE-024-F
	SO-HE-024-F(25-48)

冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



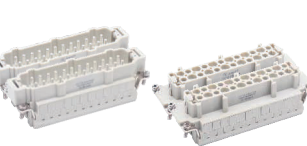
插芯/inserts	型号/Type
公/Male	SO-HE-024-MC
	SO-HE-024-MC(25-48)
母/Female	SO-HE-024-FC
	SO-HE-024-FC(25-48)

弹片连接 (快接)
Cage clamp terminal (quick connection)



插芯/inserts	型号/Type
公/Male	SO-HE-024-MS
	SO-HE-024-MS(25-48)
母/Female	SO-HE-024-FS
	SO-HE-024-FS(25-48)

弹片连接Cage clamp terminal



插芯/inserts	型号/Type
公/Male	SO-HE-024-MS B
	SO-HE-024-MS B(25-48)
母/Female	SO-HE-024-FS B
	SO-HE-024-FS B(25-48)

冷压针 Crimp contacts

16A 冷压针/16A Crimp contacts

接触电阻≤1mΩ
Contact resistance≤1mΩ
镀银/Silver plated



镀金/Gold plated



公/Male	母/Female
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0
CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-3.0	CEGF-3.0
CEGM-4.0	CEGF-4.0

工具/Tools

冷压钳
Crimping tool



退针器
Contact removal tool



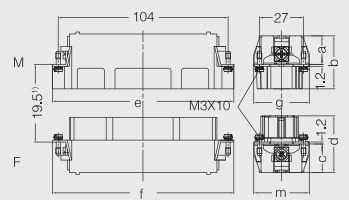
压接线径/Wire gauge	型号/Type
0.5-4mm ²	TL02G

压接线径: 0.14-0.37mm²请选择TL02G冷压钳
Wire gauge: 0.14-0.37mm² please select TL02G Crimping tool

适用类型/Application for crimp contacts 16A	型号/Type
	TL01

1)接插体之间最大距离21mm

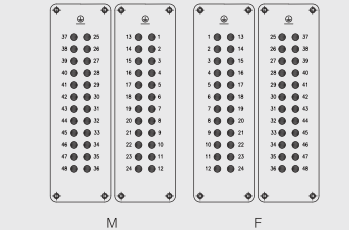
1)Distance for contact mas.21mm



	a	b	e	g	c	d	f	m
M/F	17	32.5	111	33.5	17	34.5	111	33.5
MC/FC	18.3	33.5	111	34	18.3	35.5	111	34
MS/FS	18.5	33.6	111	34	18.5	35.6	111	34
MSS/FSS	34	49	110	34	32	49	110	34
MS B / FS B	19.6	34.7	111	34	19	36.2	111	34

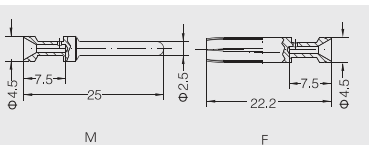
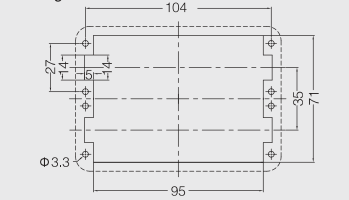
接插针排序

Contact arrangement view from termination side



面孔安装开孔图

Panel cut out for inserts for use withouthoods/housings



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

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

注意事项: 冷压压接的工具关系到产品的品质稳定性, 请选择我司认证的工具。
Notes: The tools for crimp terminal may influence the product quality and stability, Please select the tools recognized by our company.

Note: 配套外壳 Suit hood/housing: Size H48B, 外壳详细参数见 “外壳部分”
Hood/Housing detail on "Hood/Housing" section

HEE

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

工作电流/Working current

(见负载图/See current carrying capacity)

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

剥线长度/Stripping length

DIN EN 60 664

DIN EN 61 984

10,18,32,46,64,92
64(2x32),92(2x46)+PE

16A 500V 3 6KV

≥10¹⁰Ω

Polycarbonate

V0

-40℃ ~ +125℃

≥500

600V

铜/Copper alloy

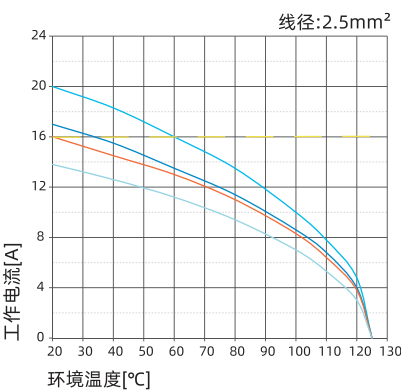
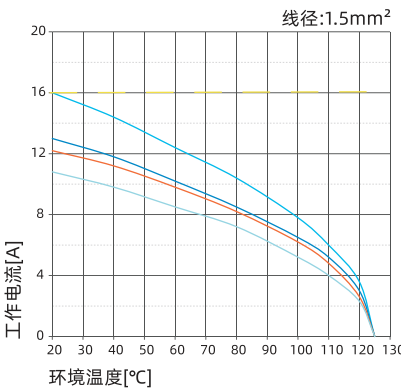
镀银/Silver plated

≤1mΩ

冷压压接/Crimp terminal

0.14-4.0mm²(AWG26-12)

7.5mm



— HEE-010 — HEE-032
— HEE-018 — HEE-046

HEE

接插件针数
Number of contacts

10,18,32,46+ 

插芯/Insert 500V 16A



HEE-010-MC



HEE-010-FC



HEE-018-MC



HEE-018-FC



TYPE

HEE-032-MC



HEE-032-FC



HEE-046-MC



HEE-046-FC

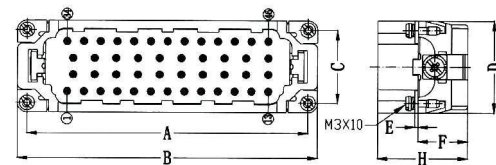
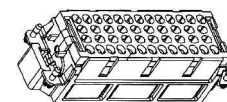
TYPE

尺寸图

Drawing(Dimensions in mm)

公插体

Male insert (MC)

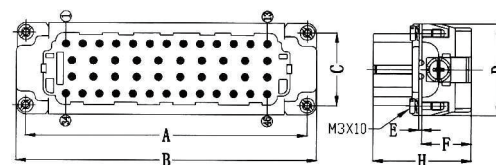
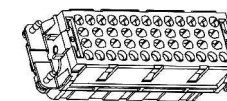


Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HEE-010	44	51	27	34	1.2	18.3	33.3
SO-HEE-018	57	64	27	34	1.2	18.3	33.3
SO-HEE-032	77.5	84.5	27	34	1.2	18.3	33.3
SO-HEE-046	104	111	27	34	1.2	18.3	33.3

母插体

Female insert (FC)



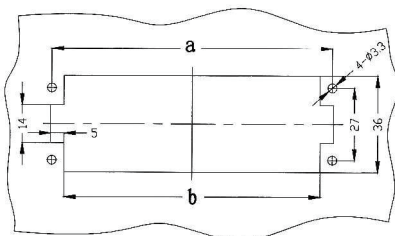
Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HEE-010	44	51	27	34	1.2	18.2	36.2
SO-HEE-018	57	64	27	34	1.2	18.2	36.2
SO-HEE-032	77.5	84.5	27	34	1.2	18.2	36.2
SO-HEE-046	104	111	27	34	1.2	18.2	36.2

面板安装开孔图

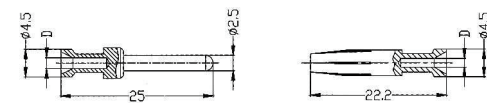
Panel cut out for inserts

for use without hoods/housings



Panel cut out

Size	a	b
SO-H6B	44	35
SO-H10B	57	48
SO-H16B	77.5	68.5
SO-H24B	104	95



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
	0.75mm ²	AWG 18	1.30mm
	1.0mm ²	AWG 18	1.45mm
Silver plated	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm
	3.0mm ²	AWG 12	2.55mm
	4.0mm ²	AWG 12	2.85mm

Note: 16A冷压针需另外订购, 订货号详情请参见第143页
Crimp termina of 16A should order contacts pins separately,detail please refer to page 143

Note: 配套外壳 Suit hood/housing: Size H6B,H10B,H16B,H24B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HEE

接插件针数
Number of contacts

64,92+ 

插芯/Insert 500V 16A



TYPE

HEE-032-MC
HEE-032-MC(33-64)HEE-032-FC
HEE-032-FC(33-64)HEE-046-MC
HEE-046-MC(47-92)HEE-046-FC
HEE-046-FC(47-92)

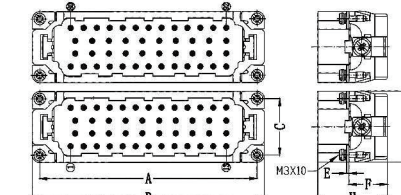
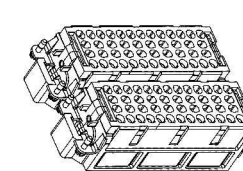
尺寸图

Drawing

(Dimensions in mm)

公插体

Male insert (MC)

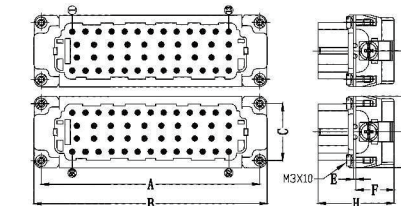
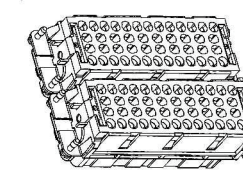


Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HEE-064	77.5	84.5	27	34	1.2	18.3	33.3
SO-HEE-092	104	111	27	34	1.2	18.3	33.3

母插体

Female insert (FC)



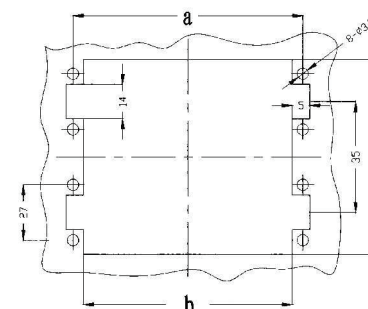
Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HEE-064	77.5	84.5	27	34	1.2	18.2	36.2
SO-HEE-092	104	111	27	34	1.2	18.2	36.2

面板安装开孔图

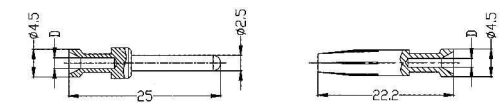
Panel cut out for inserts

for use without hoods/housings



Panel cut out

Size	a	b
SO-H32B	77.5	68.5
SO-H48B	104	95.0



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
	0.75mm ²	AWG 18	1.30mm
	1.0mm ²	AWG 18	1.45mm
Silver plated	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm
	3.0mm ²	AWG 12	2.55mm
	4.0mm ²	AWG 12	2.85mm

Note: 16A冷压针需另外订购, 订货号详情请参见第143页
Crimp termina of 16A should order contacts pins separately,detail please refer to page 143

Note: 配套外壳 Suit hood/housing: Size H32B H48B,
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HEEE 技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

DIN EN 60 664
DIN EN 61 984
20,32,40,48,64,72+PE

工作电流/Working current

(见负载图/See current carrying capacity)

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

16A 500V 3 6KV
 $\geq 10^{10} \Omega$
Polycarbonate
V0
-40°C ~ +125°C
 ≥ 500
600V

接插针/Contacts

材料/Material

表面处理/Surface

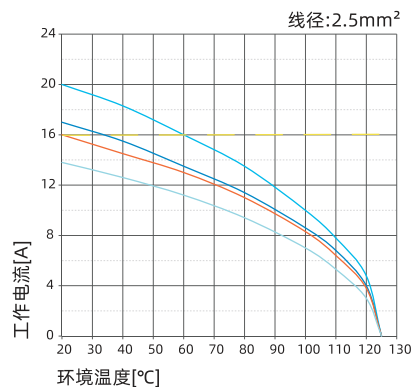
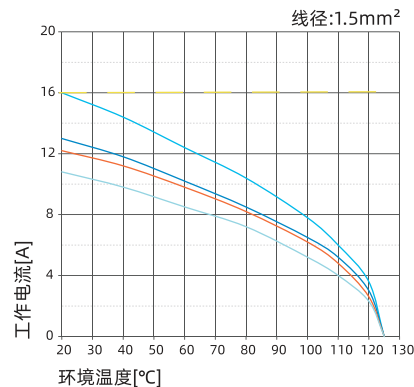
接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

剥线长度/Stripping length

铜/Copper alloy
镀银/Silver plated
 $\leq 1m\Omega$
冷压压接/Crimp terminal
0.14-4.0mm²(AWG26-12)
7.5mm



— HEEE-010 — HEEE-032
— HEEE-018 — HEEE-046

HEEE

接插件针数

Number of contacts

20,32,40,48+⊕

插芯/Insert 500V 16A

TYPE

HEEE-020-MC

HEEE-020-FC

HEEE-032-MC

HEEE-032-FC

TYPE

HEEE-040-MC

HEEE-040-FC

HEEE-048-MC

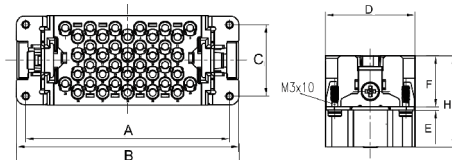
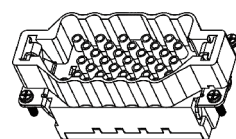
HEEE-048-FC

尺寸图

Drawing(Dimensions in mm)

公插体

Male insert (MC)

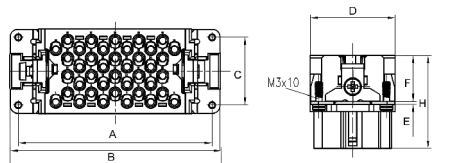
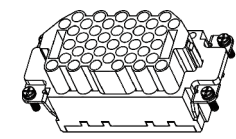


Male insert(M)

number of contacts	A	B	C	D	E	F	H
SO-HEEE-020	44	51	27	34	1.2	14.5	33
SO-HEEE-032	57	63.8	27	34	1.2	17.3	33
SO-HEEE-040	77.5	84.5	27	34	1.2	19.3	34.4
SO-HEEE-048	77.5	84.5	27	34	1.2	17.3	33

母插体

Female insert (FC)



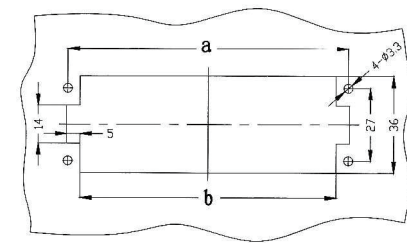
Female insert(F)

number of contacts	A	B	C	D	E	F	H
SO-HEEE-020	44	51	27	34	1.2	14.5	33
SO-HEEE-032	57	63.8	27	34	1.2	17.3	33
SO-HEEE-040	77.5	84.5	27	34	1.2	19.3	34.4
SO-HEEE-048	77.5	84.5	27	34	1.2	17.3	33

面板安装开孔图

Panel cut out for inserts

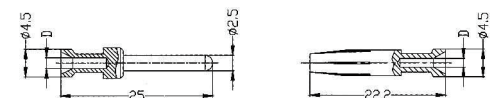
for use without hoods/housings



Panel cut out

Size	a	b
SO-H6B	44	35
SO-H10B	57	48
SO-H16B	77.5	68.5

Note: 配套外壳 Suit hood/housing: Size H6B,H10B,H16B,
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
	0.75mm ²	AWG 18	1.30mm
Silver plated	1.0mm ²	AWG 18	1.45mm
	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm
	3.0mm ²	AWG 12	2.55mm
	4.0mm ²	AWG 12	2.85mm

Note: 16A冷压针需另外订购, 订货号详情请参见第143页
Crimp termina of 16A should order contacts
pins separately,detail please refer to page 143

HEEE
接插件针数
Number of contacts
64,72+⊕

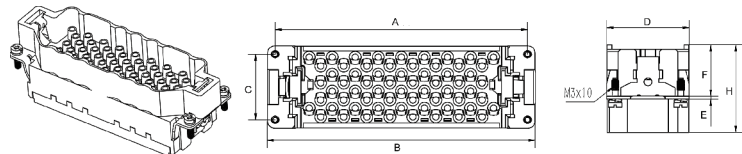
插芯/Insert 500V 16A



TYPE	HEEE-064-MC	HEEE-064-FC	HEEE-072-MC	HEEE-072-FC
------	-------------	-------------	-------------	-------------

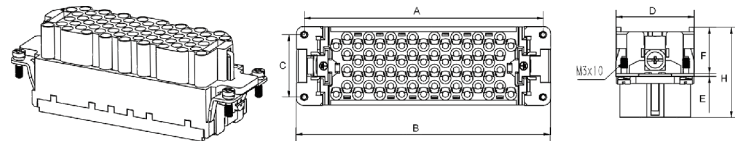
尺寸图
Drawing
(Dimensions in mm)

公插体
Male insert (MC)



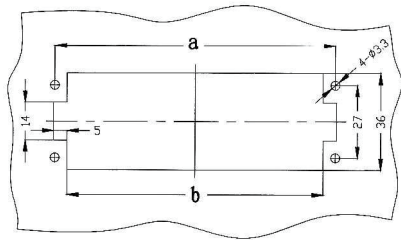
Male insert(M)	number of contacts	A	B	C	D	E	F	H
SO-HEEE-064	104	110.5	27	34	1.2	21.2	36.2	
SO-HEEE-072	104	111	27	34	1.2	17.3	33	

母插体
Female insert (FC)

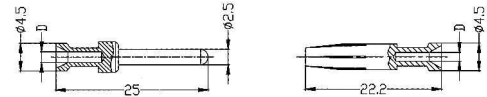


Female insert(F)	number of contacts	A	B	C	D	E	F	H
SO-HEEE-064	104	110.5	27	34	1.2	20	39	
SO-HEEE-072	104	111	27	34	1.2	18.8	36.5	

面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Panel cut out	Size	a	b
SO-H24B	104	95	



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14~0.37mm²	AWG 26-22	0.90mm
	0.5mm²	AWG 20	1.10mm
	0.75mm²	AWG 18	1.30mm
	1.0mm²	AWG 18	1.45mm
Silver plated	1.5mm²	AWG 16	1.75mm
	2.5mm²	AWG 14	2.25mm
	3.0mm²	AWG 12	2.55mm
	4.0mm²	AWG 12	2.85mm

Note: 配套外壳 Suit hood/housing: Size H24B,
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

Note: 16A冷压针需另外订购, 订货号详情请参见第143页
Crimp termina of 16A should order contacts
pins separately,detail please refer to page 143

HSB | 技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

工作电流/Working current

(见负载图/See current carrying capacity)

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

DIN EN 60 664

DIN EN 61 984

6,12,(2X6)+PE

35A

400V/690V

3

6KV

≥10¹⁰Ω

Polycarbonate

V0

-40℃ ~ +125℃

≥500

600V

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

铜/Copper alloy

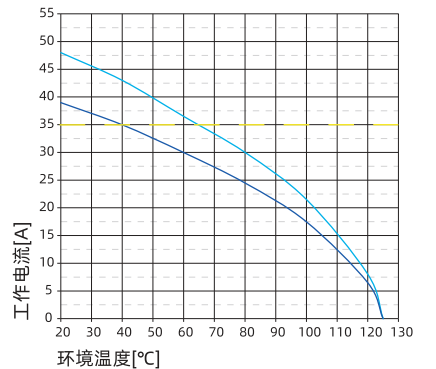
镀银/Silver plated

≤1mΩ

螺钉连接/Screw terminal

4.0~6.0mm²(AWG12~10)

1.2Nm



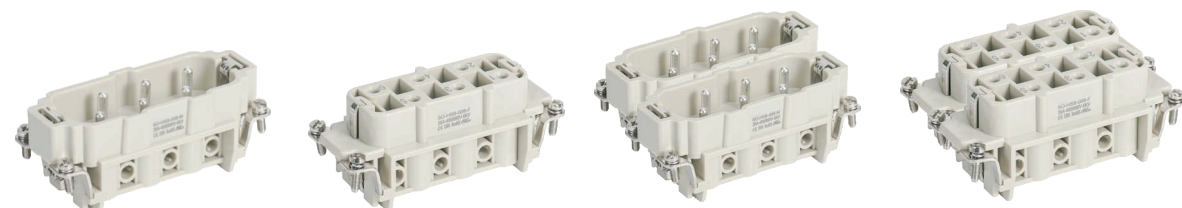
— 线径: 6mm²
Wire diameter:6mm²
— 线径: 4mm²
Wire diameter:6mm²

HSB

接插件针数
Number of contacts

6,12(2X6)+

插芯/Insert 400/690V 35A

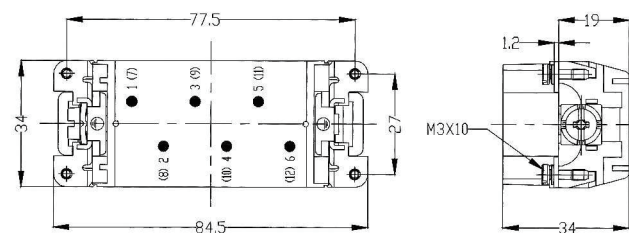
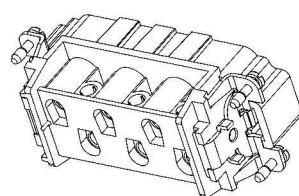


TYPE	HSB-006-M	HSB-006-F	HSB-006-M HSB-006-M(7-12)	HSB-006-F HSB-006-F(7-12)
------	-----------	-----------	------------------------------	------------------------------

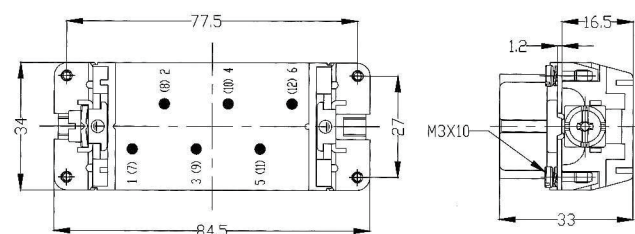
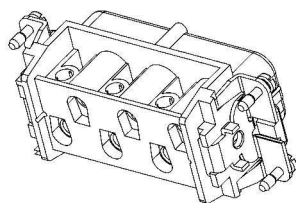
尺寸图

Drawing (Dimensions in mm)

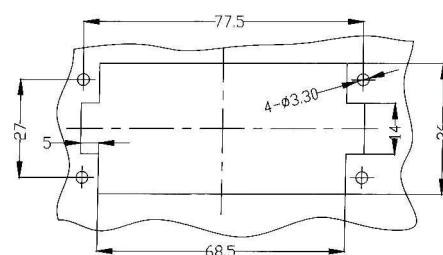
公插体
Male insert (M)



母插体
Female insert (F)



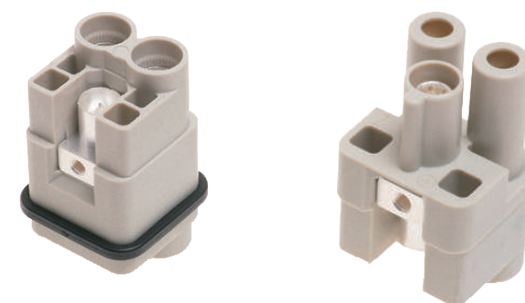
面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H16B,H32B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HQV

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

工作电流/Working current

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

DIN EN 60 664
DIN EN 61 984

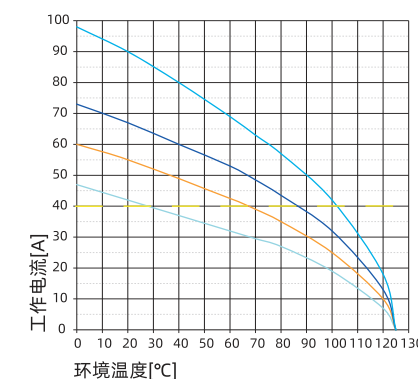
2+PE

40A

400V

6KV

3



— 导线截面: 10mm²
Wire gauge:10mm²
— 导线截面: 6mm²
Wire gauge:6mm²
— 导线截面: 4mm²
Wire gauge:4mm²
— 导线截面: 2.5mm²
Wire gauge:2.5mm²

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线方式/Terminal

导线规格/Wire gauge

拧紧力矩/Tightening torque

铜/Copper alloy

镀金/Gold plated

镀银/Silver plated

≤1mΩ

轴向螺栓连接/Axial bolt connection

2.5-6mm²(AWG14-10)

4-10mm²(AWG12-8)

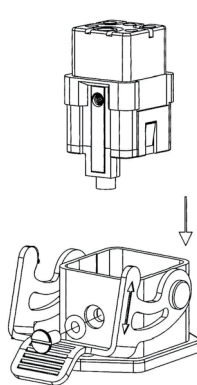
1.8Nm

HQV

接插件针数
Number of contacts

2 + 

插芯/Insert 400V 40A



安装示意图
Mounting example

TYPE

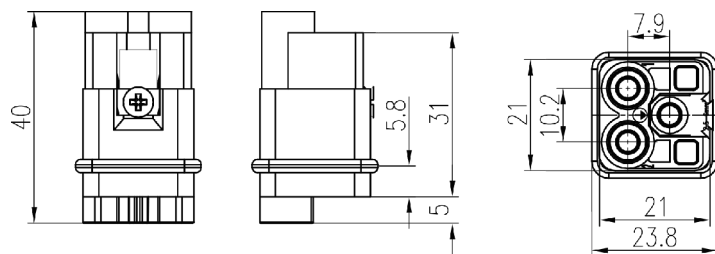
HQV-002.1-M(2.5-6mm²)
HQV-002.2-M(4-10mm²)

HQV-002.1-F(2.5-6mm²)
HQV-002.2-F(4-10mm²)

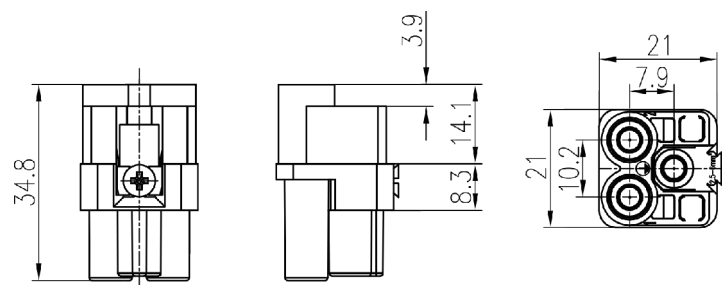
尺寸图

Drawing (Dimensions in mm)

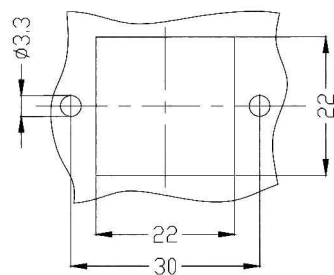
HQV
公插体
Male insert (MC)



母插体
Female insert (FC)



面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HQ

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

工作电流/Working current

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

DIN EN 60 664
DIN EN 61 984

2+PE

40A

830V

6KV

3

≥10¹⁰Ω

Polycarbonate

V0

-40℃ ~ +125℃

≥500

600V

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线方式/Terminal

导线规格/Wire gauge

拧紧力矩/Tightening torque

铜/Copper alloy

镀金/Gold plated

镀银/Silver plated

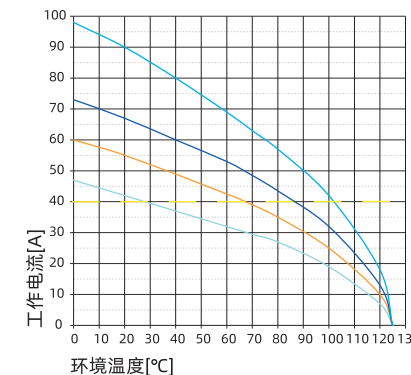
≤1mΩ

轴向螺栓连接/Axial bolt connection

2.5-6mm²(AWG14-10)

4-10mm²(AWG12-8)

1.8Nm



— 导线截面: 10mm²
Wire gauge:10mm²
— 导线截面: 6mm²
Wire gauge:6mm²
— 导线截面: 4mm²
Wire gauge:4mm²
— 导线截面: 2.5mm²
Wire gauge:2.5mm²

HQ

接插件针数
Number of contacts

2 + ⊕

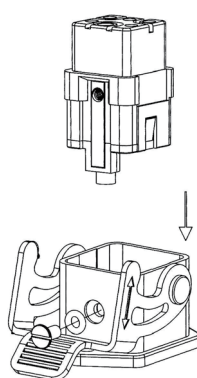
插芯/Insert 830V 40A



TYPE HQ-002.1-M(2.5-6mm²)
HQ-002.2-M(4-10mm²)



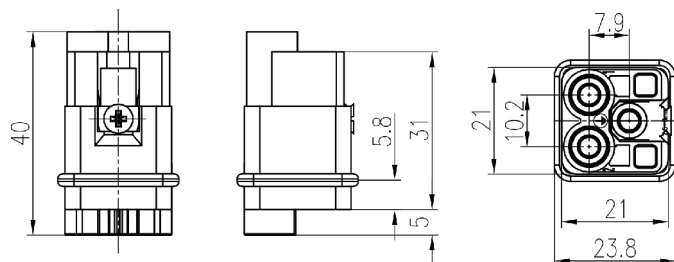
HQ-002.1-F(2.5-6mm²)
HQ-002.2-F(4-10mm²)



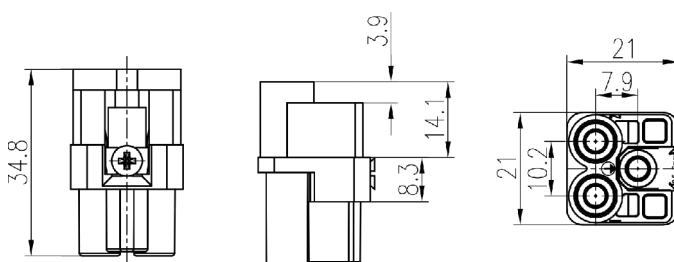
安装示意图
Mounting example

尺寸图 Drawing (Dimensions in mm)

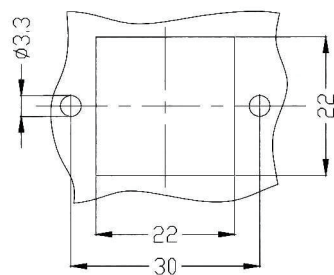
HQ 公插体 Male insert (MC)



母插体 Female insert (FC)



面板安装开孔图 Panel cut out for inserts for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HQ

技术特性
Technical characteristics



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

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

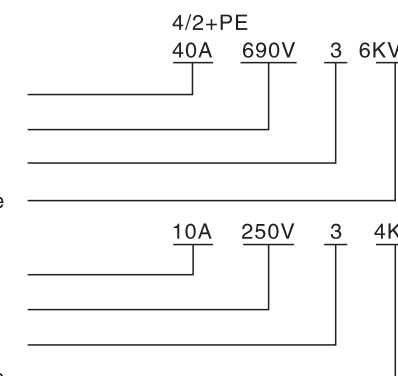
接线形式/Terminal

导线规格/Wire gauge

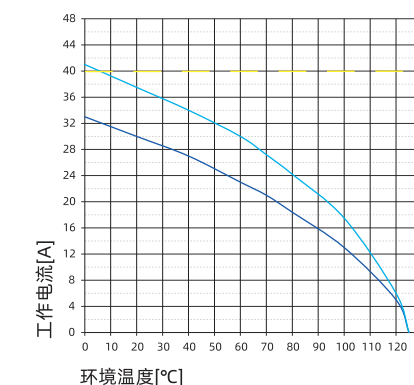
拔线长度/Stripping length

DIN EN 60 664

DIN EN 61 984



测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5



— 导线截面: 4mm²
Wire gauge: 4mm²
— 导线截面: 2.5mm²
Wire gauge: 2.5mm²

600V/250V
Polycarbonate
≥10¹⁰Ω
V0
-40℃ ~ +125℃
≥500

铜/Copper alloy
镀金/Gold plated
镀银/Silver plated
≤1mΩ
冷压压接/Crimp terminal
1.5-6mm²(AWG16-10)
0.14-2.5mm²(AWG26-14)

mm²	0.14-1.5	1.5-6	2.5
mm	8	9.6	6

HQ

接插件针数
Number of contacts
4/2+⊕

插芯/Insert 690/250V 40/10A



TYPE

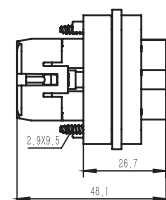
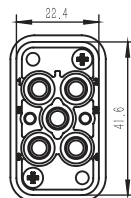
HQ-004/2-MC

HQ-004/2-FC

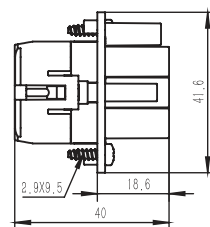
尺寸图

Drawing (Dimensions in mm)

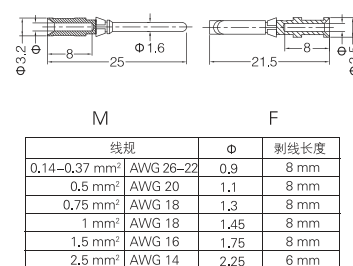
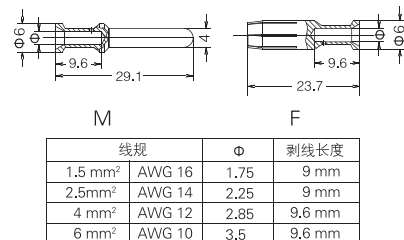
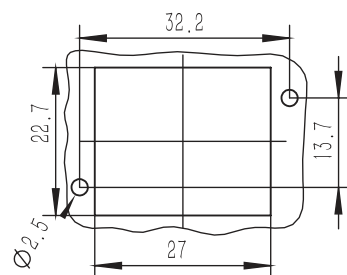
HQ
公插体
Male insert (MC)



母插体
Female insert (FC)



面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size HC/HC.P
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

Note: 10/40A冷压针需另外订购, 订货号详情请参见第142/144页
Crimp termina of 10/40A should order contacts
pins separately, detail please refer to page 142/144

HQ

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

DIN EN 60 664
DIN EN 61 984

接插体/Inserts

接插件针数/Number of contacts

5+PE

16A 230/400 V 4 KV 3

工作电流/Working current

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

当污染程度2时参数/Pollution degree 2 also

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

16A 320/500 V 4KV 2

≥10¹⁰Ω

Polycarbonate

V0

-40℃ ~ +125℃

≥500

600V

接插针/Contacts

材料/Material

表面处理/Surface

铜/Copper alloy

镀金/Gold plated

镀银/Silver plated

接触电阻/Contact resistance

≤1mΩ

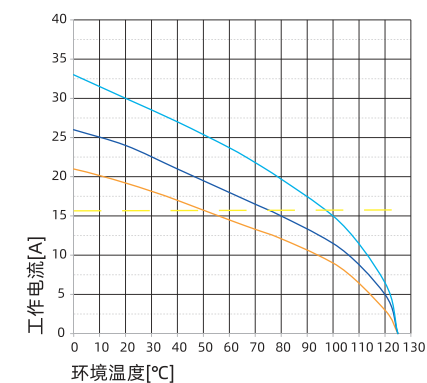
接线形式/Terminal

冷压压接/Crimp terminal

导线规格/Wire gauge

0.14-4.0mm²(AWG26-12)

PE导线规格/Wire gauge

2.5mm²(AWG14)

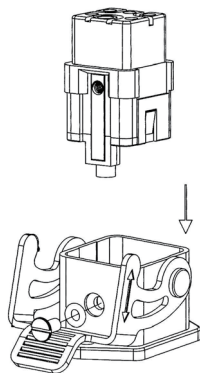
— 导线截面: 2.5mm²
Wire gauge: 2.5mm²
— 导线截面: 1.5mm²
Wire gauge: 1.5mm²
— 导线截面: 1.0mm²
Wire gauge: 1.0mm²

HQ

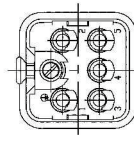
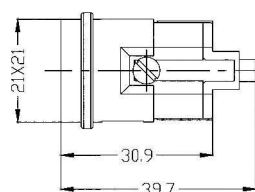
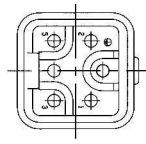
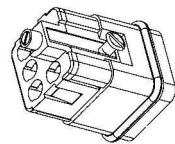
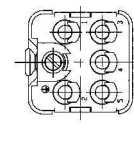
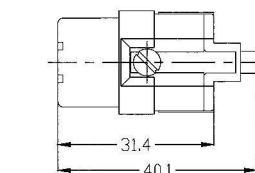
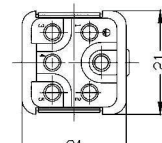
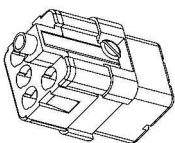
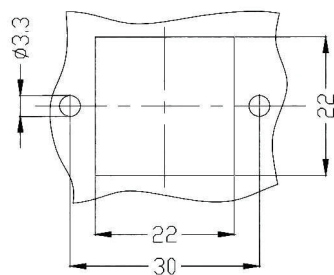
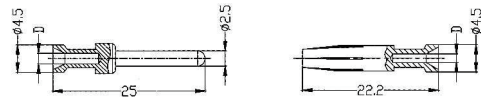
接插件针数
Number of contacts

5 + ⊕

插芯/Insert 230/400V 16A

安装示意图
Mounting example

TYPE HQ-005/0-MC HQ-005/0-FC

尺寸图
Drawing (Dimensions in mm)公插体
Male insert (MC)母插体
Female insert (FC)面板安装开孔图
Panel cut out for inserts
for use without hoods/housingsNote: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

Crimp contacts	Wire gauge		D	Stripping length
Gold plated	0.14~0.37mm ²	AWG 26-22	0.90mm	7.5mm
	0.5mm ²	AWG 20	1.10mm	7.5mm
	0.75mm ²	AWG 18	1.30mm	7.5mm
Silver plated	1.0mm ²	AWG 18	1.45mm	7.5mm
	1.5mm ²	AWG 16	1.75mm	7.5mm
	2.5mm ²	AWG 14	2.25mm	7.5mm
	3.0mm ²	AWG 12	2.55mm	7.5mm
	4.0mm ²	AWG 12	2.85mm	7.5mm

Note: 16A冷压针需另外订购, 订货号详情请参见第143页
Crimp termina of 16A should order contacts pins separately,detail please refer to page 143

HQ

技术特性
Technical characteristics



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
The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals测试和控制过程依据DIN IEC 60512-5
Control and test procedures according to DIN IEC 60512-5

规范/Specifications

DIN EN 60 664
DIN EN 61 984

接插体/Inserts

接插件针数/Number of contacts

7+PE

工作电流/Working current

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

当污染程度2时参数/Pollution degree 2 also

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

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

10A 400 V 6 KV 3

10A 400/690 V 6KV 2

≥10¹⁰Ω

Polycarbonate

V0

-40℃ ~ +125℃

≥500

600V

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

PE导线规格/Wire gauge

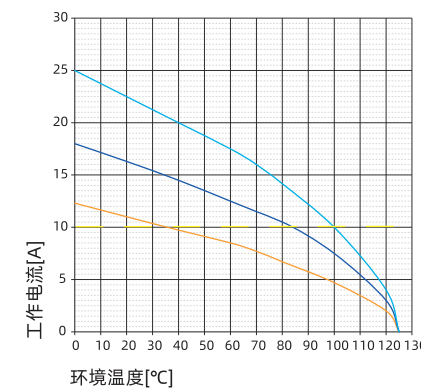
铜/Copper alloy

镀金/Gold plated

镀银/Silver plated

≤3mΩ

冷压压接/Crimp terminal

0.14~2.5mm²(AWG26-14)2.5mm²(AWG14)— 导线截面: 2.5mm²
Wire gauge:2.5mm²
— 导线截面: 1.5mm²
Wire gauge:1.5mm²
— 导线截面: 0.75mm²
Wire gauge:0.75mm²

HQ

接插件针数
Number of contacts

7 + ⊕

插芯/Insert 400V 10A



TYPE

HQ-007/0-MC

HQ-007/0-FC

SO-KRCP-Q7M

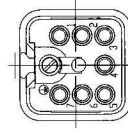
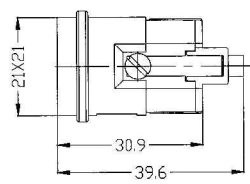
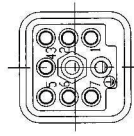
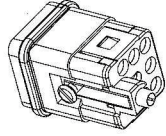
SO-KRCP-Q7F

尺寸图

Drawing (Dimensions in mm)

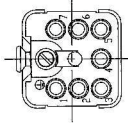
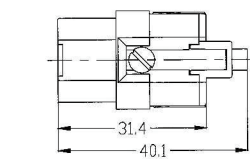
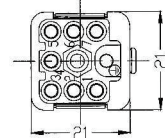
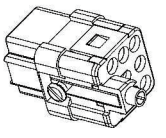
公插体

Male insert (MC)



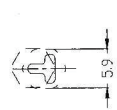
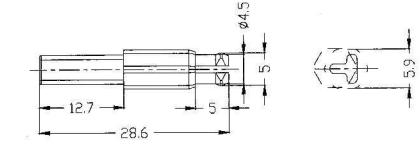
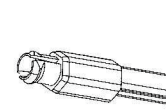
母插体

Female insert (FC)



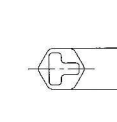
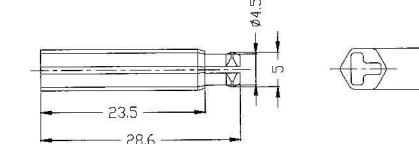
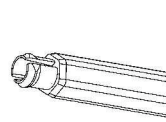
编码销

Coding pins (M)



编码销

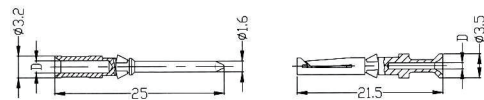
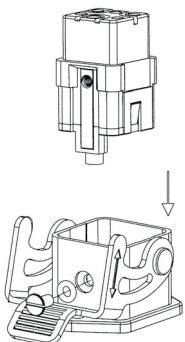
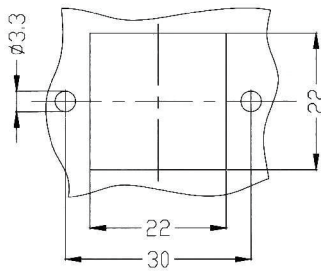
Coding pins (F)



面板安装开孔图

Panel cut out for inserts

for use without hoods/housings



Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
Silver plated	0.75mm ²	AWG 18	1.30mm
	1.0mm ²	AWG 18	1.45mm
	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm

Note: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

安装示意图
Mounting example

Note: 10A冷压针需另外订购, 订货号详情请参见第142页
Crimp termina of 10A should order contacts
pins separately, detail please refer to page 142

HQ-008/0

紧凑小体积型插芯
Compact



技术参数/Technical characteristics

规范/认证 Specifications/Approvals

规范/Specifications DIN EN 60 664
DIN EN 61 984

插插件针数/Number of contacts 8+PE

依据EN61 984的额定电压/Electrical date acc.to DIN EN 61 984

-额定电流/Rated current 16A
-额定电压/Rated voltage 500V
-额定脉冲电压/Rated impulse voltage 6KV
-污染程度/Pollution degree 3
-污染程度2时的参数/Pollution degres 2 also 16A 400/690V 6KV 2
安装金属外壳时/Mounted metal hood 16A 400/690V 4KV 2

依据UL/CSA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℃...+125℃

依据UL94的阻燃等级/Flammability acc.to UL 94 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/Crimp terminal

-mm² 0.14-4mm²(部分装备情况下可达到4mm²)

-AWG 26-12

外壳/Hoods/Housings

-材料/Material 热塑性塑料/thermoplastic

-联锁元件/Locking element 聚酰胺(尼龙)

-外壳密封/Hoods/Housings seal 丁腈橡胶/NBR

-工作温度范围/Limiting temperatures -40℃...+125℃

依据UL94的阻燃等级/Flammability acc.to UL 94 V0

联锁状态下依据DIN

En60 529的防护等级

金属外壳/Hoods/Housings metal IP65

-材料/Material 金属/Metal

-联锁元件/Locking element 不锈钢/Stainless steel

-外壳密封/Hoods/Housings seal 丁腈橡胶/NBR

-工作温度范围/Limiting temperatures -40℃...+125℃

-联锁状态下依据DIN/Degree of protection acc.to DIN

EN60 529的防护等级

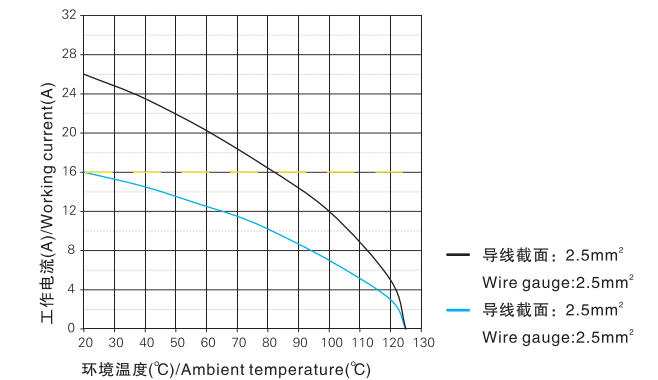
IP65

电流负载能力/Current carrying

电流负载能力所受的限制主要来自包装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

Control and test procedures according to DIN EN60512-5



500V 16A 8+⊕

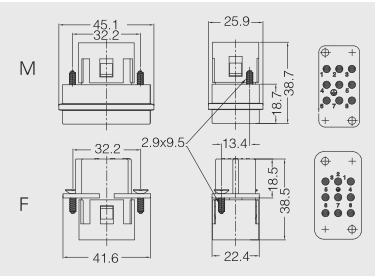
插芯 inserts

冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HQ-008/0-MC ¹⁾
母/Female	SO-HQ-008/0-FC ¹⁾

1).可搭配PCB适配器。



冷压针 Crimp contacts

16A 冷压针 / 16A Crimp contacts

接触电阻 ≤1mΩ
Contact resistance ≤1mΩ
镀银/Silver plated



镀金/Gold plated



保险延迟针/Relay contacts

镀银/Silver plated



工具/Tools

冷压钳
Crimping tool



退针器
Contact removal tool



编码元件/Coding element



注意事项：冷压压接的工具关系到产品的品质稳定性，请选择我司认证的工具。

Notes:The tools for crimp terminal may influence the product qualityand stability,Plase select the tools recognized by our company.

HQ-017

紧凑小体积型插芯
Compact



技术参数/Technical characteristics

规范/认证 Specifications/Approvals

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

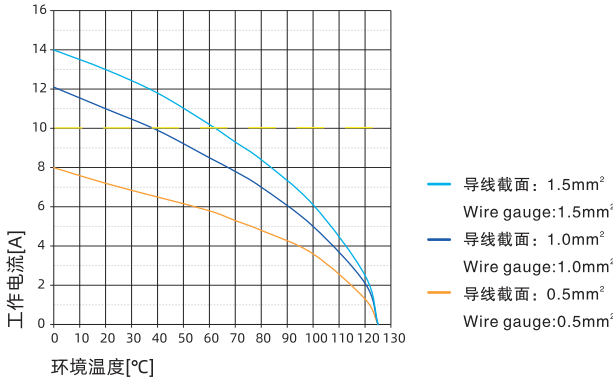
插件件针数/Number of contacts	17+PE
依据EN61 984的额定电压/Electrical date acc.to DIN EN 61 984	
-额定电流/Rated current	10A
-额定电压/Rated voltage	250V
-额定脉冲电压/Rated impulse voltage	4KV
-污染程度/Pollution degree	2
依据UL/CSA额定电压/Rated voltage acc.to UL	
绝缘电阻/Insulation resistance	≥10 ¹⁰ Ω
材料/Material	聚碳酸酯/Polycarbonate
工作温度范围/Limiting temperatures	-40℃...+125℃
依据UL94的阻燃等级/Flammability acc.to UL 94	V0
可拔插次数/Mechanical working life(mating cycles)	≥500

插针/Contacts	铜合金/Copper alloy
材料/Material	镀银/hard-silver plated
表面处理/Surface	镀金/hard-gold plated
接触电阻/Contact resistance	≤1mΩ
冷压连接/Crimp terminal	
-mm ²	0.14-2.5mm ² (部分装备情况下可达到4mm ²) Partly loaded up to 4mm ² is possible
-AWG	26-14
外壳/Hoods/Housings	
-材料/Material	
-联锁元件/Locking element	热塑性塑料/thermoplastic
-外壳密封/Hoods/Housings seal	聚酰胺(尼龙)
-工作温度范围/Limiting temperatures	丁腈橡胶/NBR
依据UL94的阻燃等级/Flammability acc.to UL 94	-40℃...+125℃
联锁状态下依据DIN	V0
En60 529的防护等级	
金属外壳/Hoods/Housings metal	IP65
-材料/Material	
-联锁元件/Locking element	金属/Metal
-外壳密封/Hoods/Housings seal	不锈钢/Stainless steel
-工作温度范围/Limiting temperatures	丁腈橡胶/NBR
-联锁状态下依据DIN/Degree of protection acc.to DIN	-40℃...+125℃
EN60 529的防护等级	IP65

电流负载能力/Current carrying

电流负载能力所受的限制主要来自包装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
Control and test procedures according to DIN EN60512-5



250V 10A 17+⊕

插芯 inserts

冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HQ-017/0-MC ¹⁾
母/Female	SO-HQ-017/0-FC ¹⁾

1).可搭配PCB适配器。

冷压针 Crimp contacts

10A 冷压针/10A Crimp contacts

接触电阻≤3mΩ
Contact resistance≤3mΩ
镀银/Silver plated



镀金/Gold plated



公/Male	母/Female
CDSM-0.25	CDSF-0.25
CDSM-0.37	CDSF-0.37
CDSM-0.50	CDSF-0.50
CDSM-0.75	CDSF-0.75
CDSM-1.0	CDSF-1.0
CDSM-1.5	CDSF-1.5
CDSM-2.5	CDSF-2.5

CDGM-0.37	CDGF-0.37
CDGM-0.50	CDGF-0.50
CDGM-0.75	CDGF-0.75
CDGM-1.0	CDGF-1.0
CDGM-1.5	CDGF-1.5
CDGM-2.5	CDGF-2.5
CDGM-3.0	CDGF-3.0
CDGM-4.0	CDGF-4.0

工具/Tools

冷压钳
Crimping tool

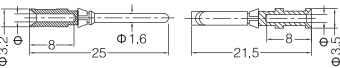


退针器
Contact removal tool



压接线径/Wire gauge(mm ²)	型号/Type
0.14-4mm ²	TL02G

适用类型/Application	型号/Type
10A冷压针/For crimp contacts 10A	TL00



Φ	线规	剥线长度
0.65	0.09-0.25mm ² AWG28-24	5mm
0.9	0.14-0.37mm ² AWG26-22	8mm
1.1	0.5mm ² AWG20	8mm
1.3	0.75mm ² AWG18	8mm
1.45	1mm ² AWG18	8mm
1.75	1.5mm ² AWG16	8mm
2.25	2.5mm ² AWG14	6mm

当线规小于0.75mm²时，建议使用辅助装针工具TL15。
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

Note: 配套外壳 Suit hood/housing: Size HC
外壳详细参数见“外壳部分”
Hood/Housing detail on
“Hood/Housing” section

注意事项：冷压压接的工具关系到产品的品质稳定性，请选择我司认证的工具。
Notes:The tools for crimp terminal may influence the product qualityand stability,Plase select the tools recognized by our company.

HQ | 技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

工作电流/Working current

工作电压/Working voltage

额定脉冲耐受电压/Rated impulse voltage

污染等级/Pollution degree

当污染程度2时参数/Pollution degree 2 also

绝缘电阻/Insulation resistance

材料/Material

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

DIN EN 60 664

DIN EN 61 984

12+PE

10A

400 V

6 KV

3

10 A 400/690 V 6KV 2

≥10¹⁰Ω

Polycarbonate

V0

-40℃ ~ +125℃

≥500

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

PE导线规格/Wire gauge

铜/Copper alloy

镀金/Gold plated

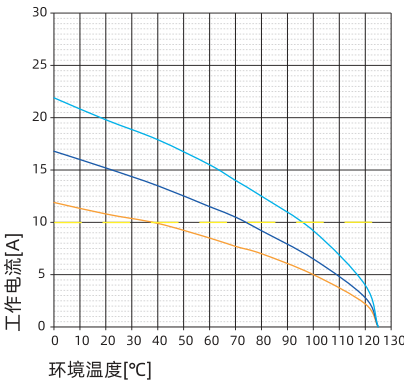
镀银/Silver plated

≤3mΩ

冷压压接/Crimp terminal

0.14-2.5mm²(AWG26-14)

0.5-2.5mm²(AWG20-14)



— 导线截面：2.5mm²
Wire gauge:2.5mm²
— 导线截面：1.5mm²
Wire gauge:1.5mm²
— 导线截面：0.75mm²
Wire gauge:0.75mm²

HQ

接插件针数
Number of contacts
12+ 

插芯/Insert 400V 10A

TYPE

HQ-012/0-MC

HQ-012/0-FC

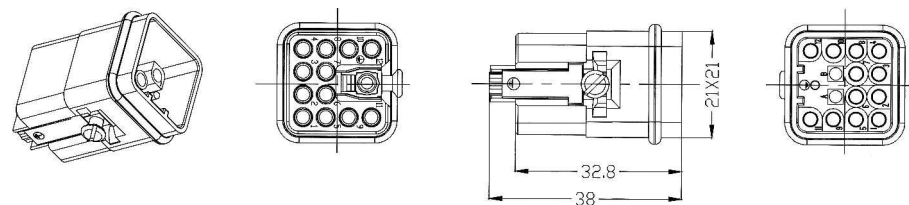
KRCP-Q12

尺寸图

Drawing (Dimensions in mm)

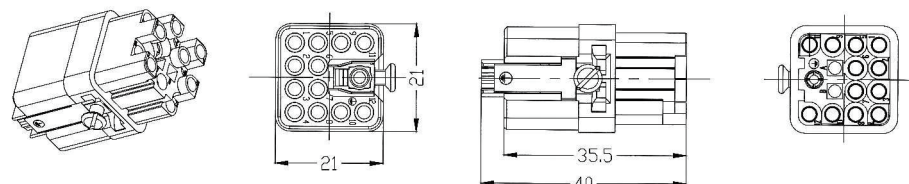
公插体

Male insert (MC)



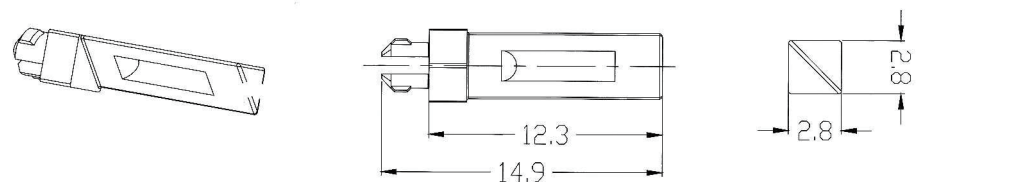
母插体

Female insert (FC)



编码销

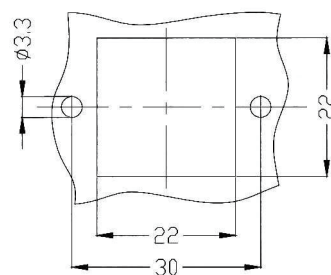
Coding pins (M)



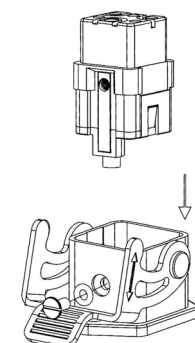
面板安装开孔图

Panel cut out for inserts

for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H3A
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

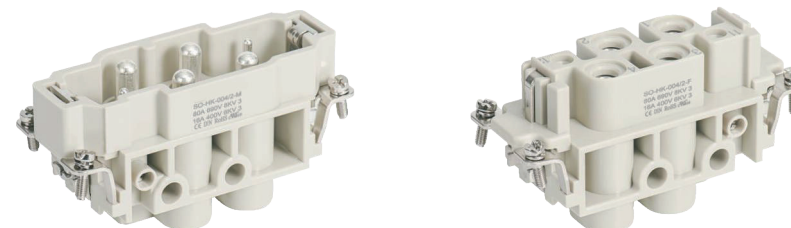


安装示意图
Mounting example

Crimp contacts	Wire gauge	D	Stripping length
Gold plated	0.14-0.37mm ²	AWG 26-22	0.90mm
	0.5mm ²	AWG 20	1.10mm
Silver plated	0.75mm ²	AWG 18	1.30mm
	1.0mm ²	AWG 18	1.45mm
	1.5mm ²	AWG 16	1.75mm
	2.5mm ²	AWG 14	2.25mm

Note: 10A冷压针需另外订购, 订货号详情请参见第142页
Crimp termina of 10A should order contacts
pins separately, detail please refer to page 142

HK

技术特性
Technical characteristics

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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

信号/Signal area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

污染等级2时的参数/Pollution degree 2 also

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

DIN EN 60 664

DIN EN 61 984

4/0+PE, 4/2+PE
80A 830 V 3 8KV

16A 400V 3 6KV

16A 400/690V 2 6KV

600V/300V

Polycarbonate

≥10¹⁰Ω

V0

-40℃ ~ +125℃

≥500

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

铜/Copper alloy

镀银/Silver plated

电源/Power area ≤3mΩ

信号/Signal area ≤1mΩ

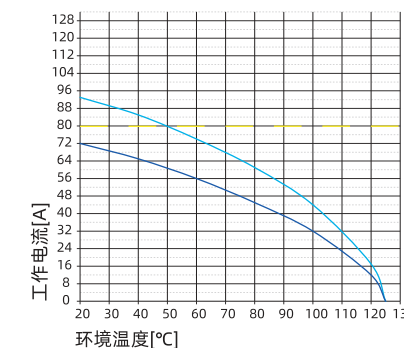
螺钉连接/Screw terminal

电源/Power area 1.5-16mm²(AWG16-6)信号/Signal area 1.0-2.5mm²(AWG18-14)

信号/Signal area 0.5Nm

电源/Power area

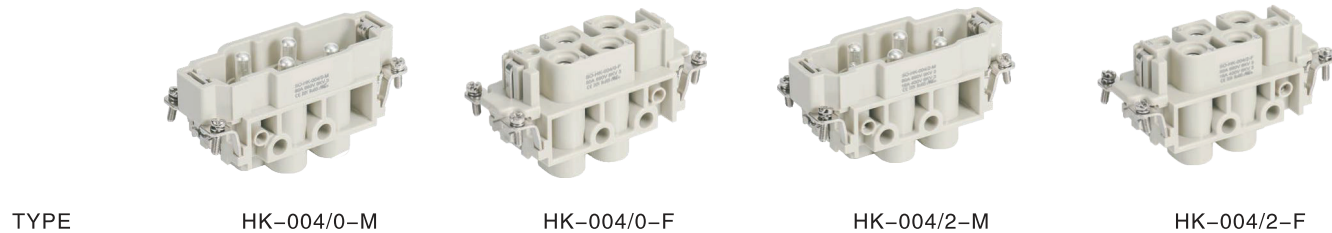
mm ²	1.5	2.5	4	6	10	16
N.m	1.2	2	3	3	3	3



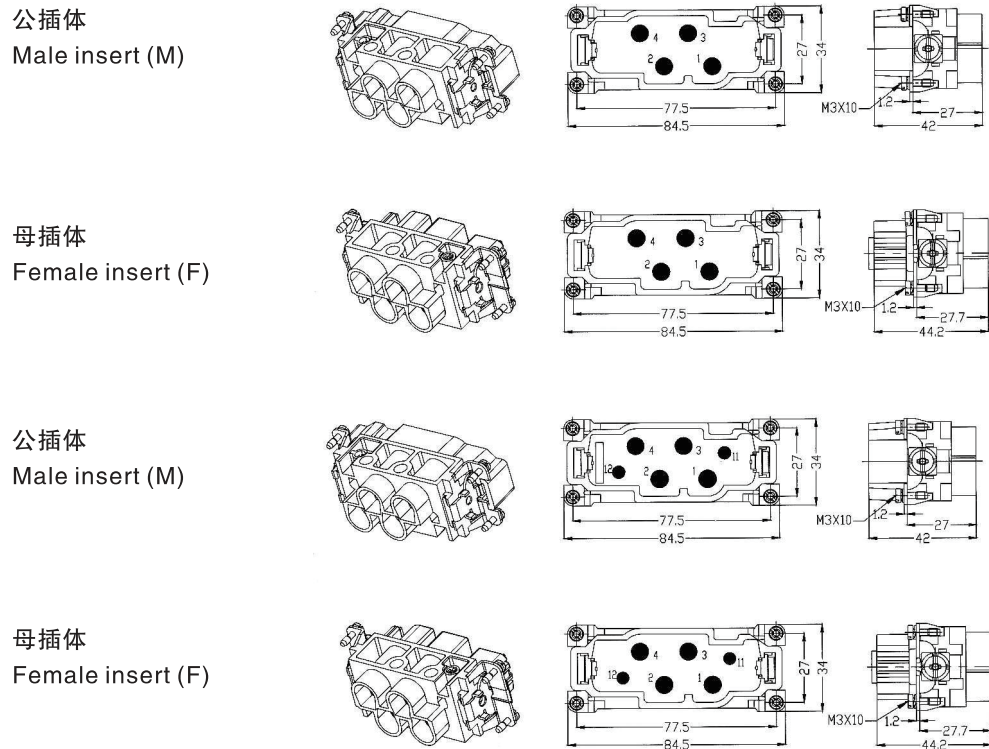
— 导线截面: 16mm²
Wire gauge: 16mm²
— 导线截面: 10mm²
Wire gauge: 10mm²

HK
接插件针数
Number of contacts
4/0,4/2+⊕

插芯/Insert 830/400V 80/16A



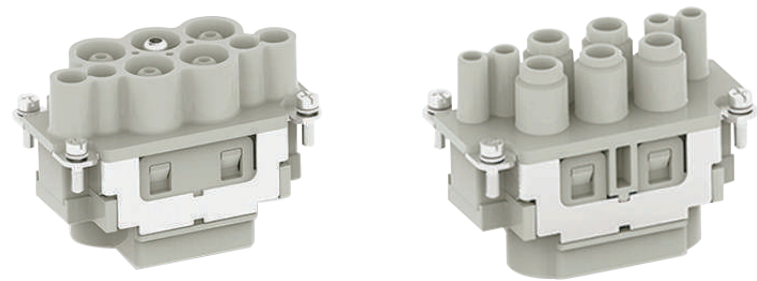
尺寸图
Drawing (Dimensions in mm)



面板安装开孔图
Panel cut out for inserts
for use without hoods/housings

Note: 配套外壳 Suit hood/housing: Size H16B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HK | 技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

信号/Signal area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

DIN EN 60 664

DIN EN 61 984

4/4+PE

63A 690 V 3 8KV

16A 250V 3 4KV

600V/230V

Polycarbonate

≥10¹⁰Ω

V0

-40℃ ~ +125℃

≥500

铜/Copper alloy

镀银/Silver plated

电源/Power area ≤3mΩ

信号/Signal area ≤0.5mΩ

螺钉连接/Screw terminal

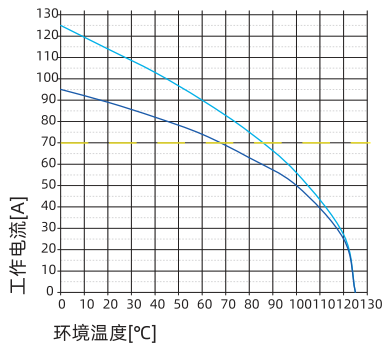
电源/Power area 6-16mm²/14-22mm²

信号/Signal area 0.14-2.5mm²(AWG26-14)

信号/Signal area 0.5Nm

电源/Power area

mm ²	6	10	16	22
N.m	2	3	4	5



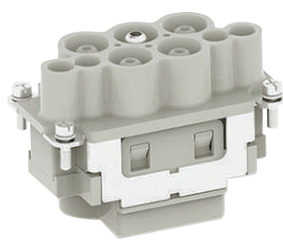
— 导线截面: 25mm²
Wire gauge:25mm²
— 导线截面: 16mm²
Wire gauge:16mm²

HK

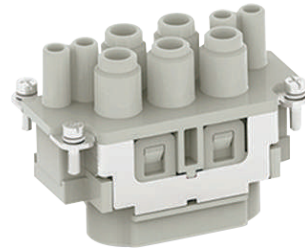
接插件针数
Number of contacts

4/4+⊕

插芯/Insert 690/250V 63/16A



HK-004/4.1-M(6-16mm²)
HK-004/4.2-M(14-22mm²)

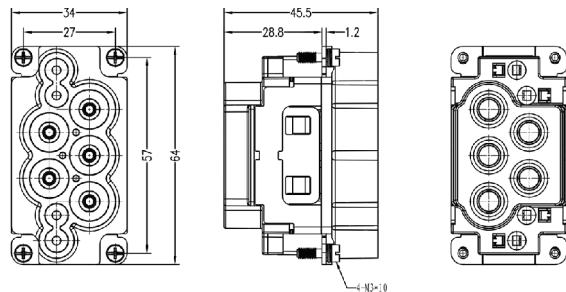


HK-004/4.1-F(6-16mm²)
HK-004/4.2-F(14-22mm²)

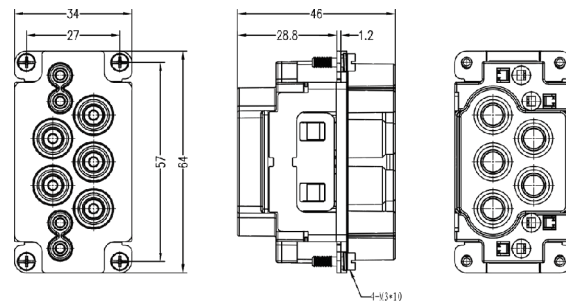
TYPE

尺寸图
Drawing (Dimensions in mm)

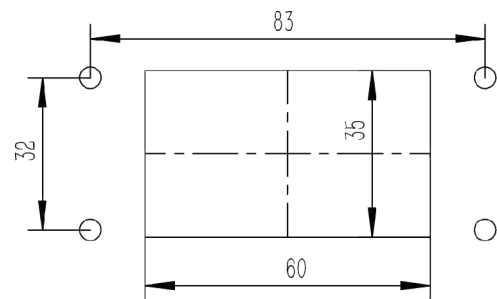
公插体
Male insert (M)



母插体
Female insert (F)



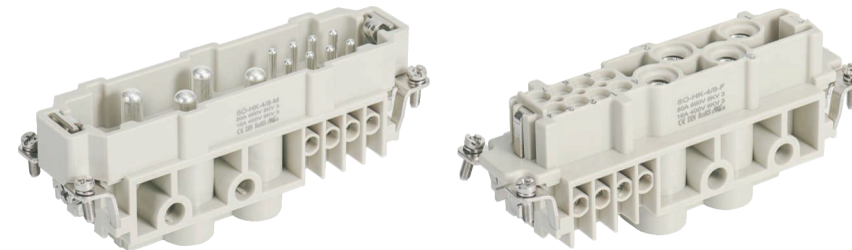
面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H10B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HK

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

污染等级2时的参数/Pollution degree 2 also

信号/Signal area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

DIN EN 60 664

DIN EN 61 984

4/8+PE
80A 830 V 3 8KV80A 400/690V 2 6KV
16A 400V 3 6KV

600V/600V

Polycarbonate

≥10¹⁰Ω

V0

-40℃ ~ +125℃

≥500

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

铜/Copper alloy

镀银/Silver plated

电源/Power area ≤3mΩ

信号/Signal area ≤1mΩ

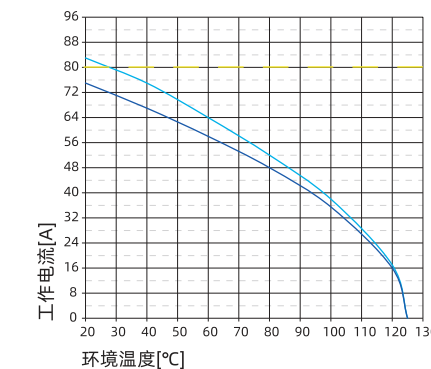
螺钉连接/Screw terminal

电源/Power area 1.5-16mm²(AWG16-6)信号/Signal area 0.5-2.5mm²(AWG20-14)

信号/Signal area 0.5Nm

电源/Power area

mm ²	1.5	2.5	4	6	10	16
N.m	1.2	2	3	3	3	3

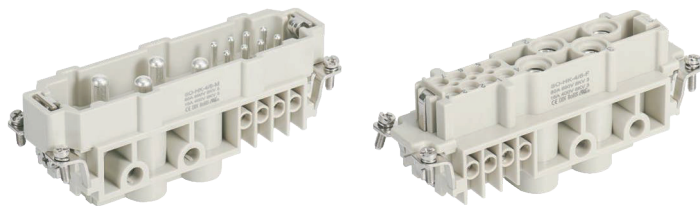


— 导线截面: 16mm²
Wire gauge:16mm²
— 导线截面: 10mm²
Wire gauge:10mm²

HK

接插件针数
Number of contacts
4/8+ 

插芯/Insert 830/400V 80/16A



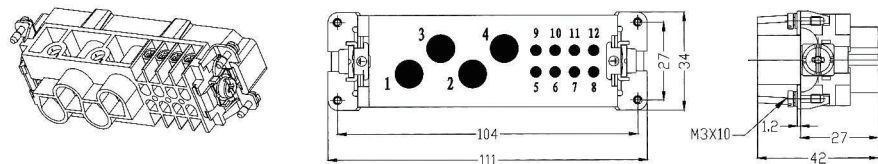
HK-004/8-M

HK-004/8-F

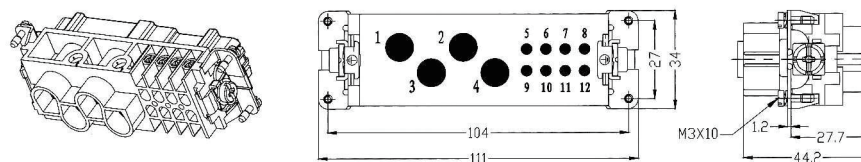
TYPE

尺寸图
Drawing (Dimensions in mm)

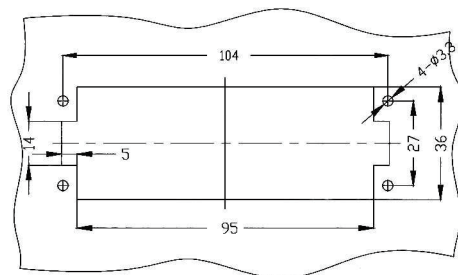
公插体
Male insert (M)



母插体
Female insert (F)



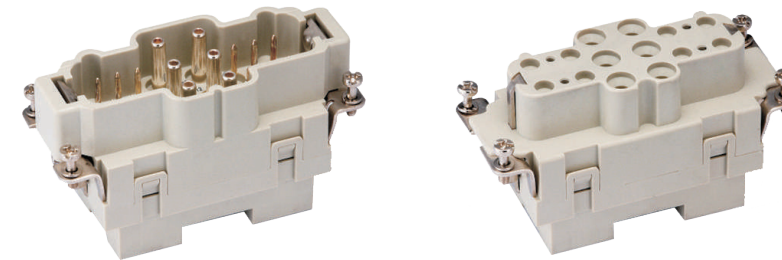
面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H24B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HK

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

污染等级2时的参数/Pollution degree 2 also

信号/Signal area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

DIN EN 60 664

DIN EN 61 984

6/12+PE

40A 690 V 3 6KV

100A 1000V 2 8KV

10A 230/400V 3 4KV

600V/300V

Polycarbonate

 $\geq 10^{10} \Omega$

V0

 $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ ≥ 500

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

铜/Copper alloy

镀银/Silver plated

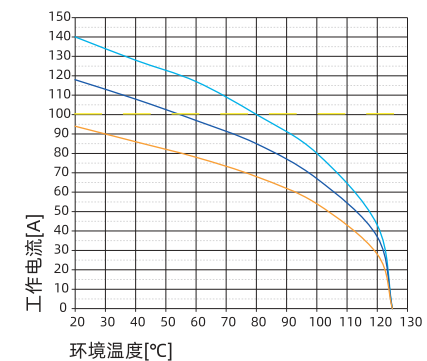
电源/Power area $\leq 3\text{m}\Omega$ 信号/Signal area $\leq 1\text{m}\Omega$

螺钉连接/Screw terminal

电源/Power area $2.5-8\text{mm}^2/6-10\text{mm}^2$ 信号/Signal area $0.2-2.5\text{mm}^2(\text{AWG}26-14)$ 信号/Signal area 0.5Nm

电源/Power area

mm ²	0.2-2.5	2.5	4	6
N.m	0.8	1.5	1.5	2

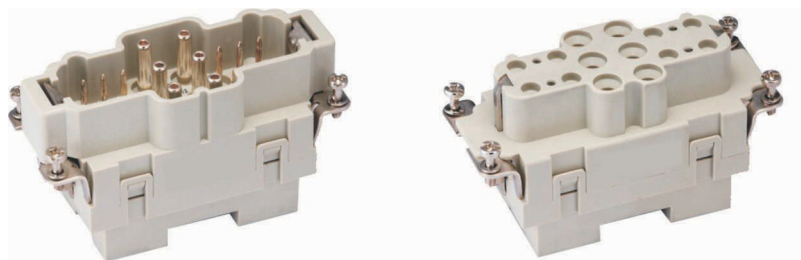


— 导线截面: 35mm²
Wire gauge:35mm²
— 导线截面: 25mm²
Wire gauge:25mm²
— 导线截面: 16mm²
Wire gauge:16mm²

HK

接插件针数
Number of contacts
6/12 + ⊕

插芯/Insert 690/230/400V 40/10A

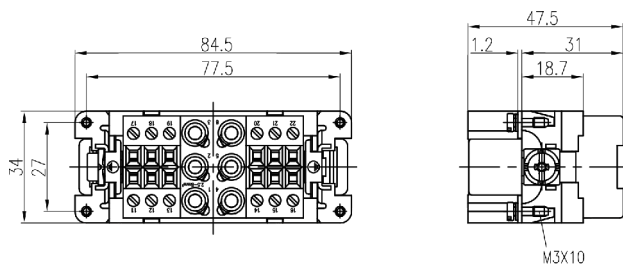


TYPE

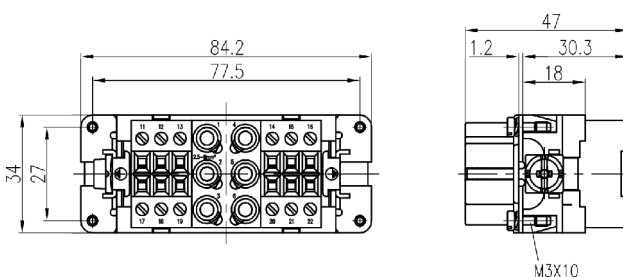
HK-006.1/12-M(2.5-8mm²)
HK-006.2/12-M(6-10mm²)HK-006.1/12-F(2.5-8mm²)
HK-006.2/12-F(6-10mm²)

尺寸图
Drawing (Dimensions in mm)

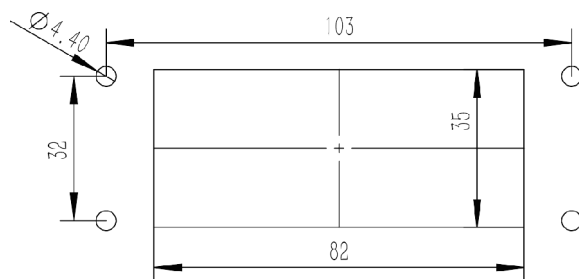
公插体
Male insert (M)



母插体
Female insert (F)



面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H16B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HK

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

污染等级2时的参数/Pollution degree 2 also

信号/Signal area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

DIN EN 60 664

DIN EN 61 984

6/6+PE
100A 690 V 3 8KV100A 1000V 2 8KV
16A 400V 3 6KV

600V/300V

Polycarbonate

≥10¹⁰Ω

V0

-40℃ ~ +125℃

≥500

铜/Copper alloy

镀银/Silver plated

电源/Power area ≤3mΩ

信号/Signal area ≤1mΩ

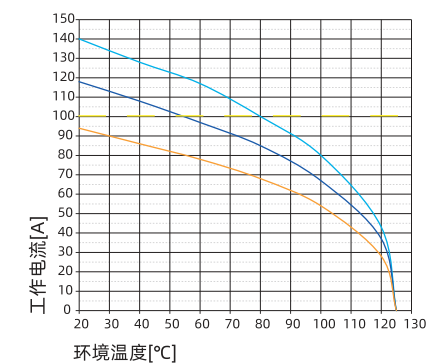
螺钉连接/Screw terminal

电源/Power area 16-35mm²(AWG5-2)信号/Signal area 0.2-2.5mm²(AWG24-14)

信号/Signal area 0.5Nm

电源/Power area

mm ²	0.2-2.5	16	25	35
N.m	0.8	6	7	8



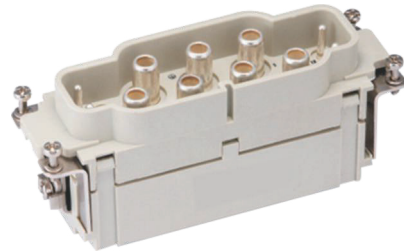
— 导线截面: 35mm²
Wire gauge: 35mm²
— 导线截面: 25mm²
Wire gauge: 25mm²
— 导线截面: 16mm²
Wire gauge: 16mm²

HK

接插件针数
Number of contacts

6/6+

插芯/Insert 690/400V 100/16A



HK-006/6-M

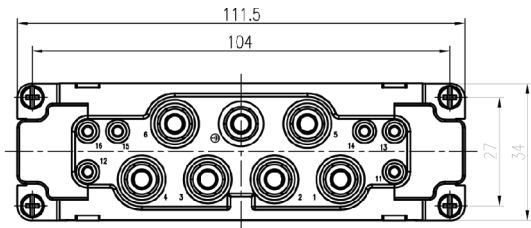
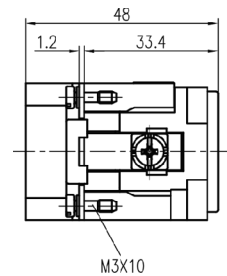


HK-006/6-F

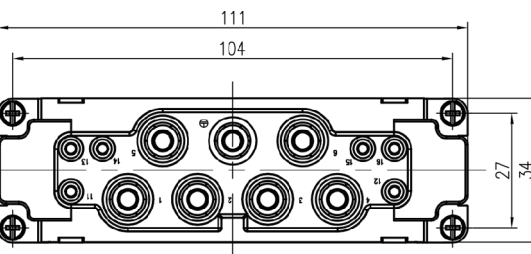
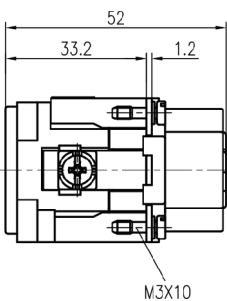
TYPE

尺寸图
Drawing (Dimensions in mm)

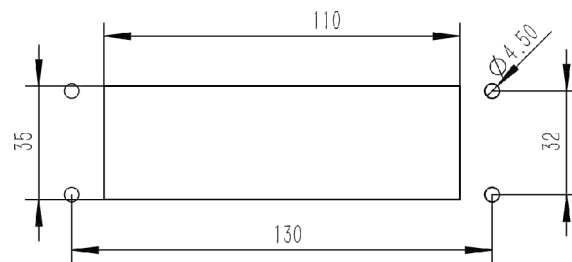
公插体
Male insert (M)



母插体
Female insert (F)



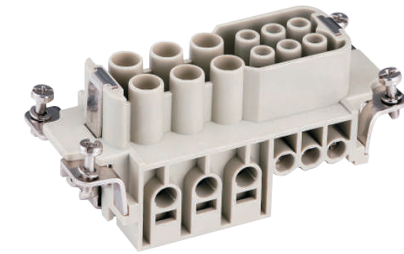
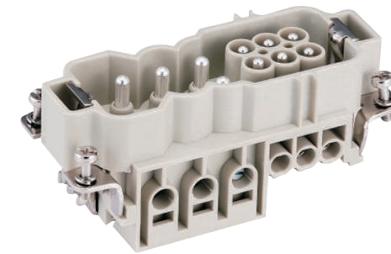
面板安装开孔图
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H24B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HWK

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

信号/Signal area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

DIN EN 60 664

DIN EN 61 984

6/6+PE

40A 690 V 3 8KV

16A 400V 3 6KV

600V/600V

Polycarbonate

 $\geq 10^{10} \Omega$

V0

 $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ ≥ 500

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

铜/Copper alloy

镀银/Silver plated

电源/Power area $\leq 0.3\text{m}\Omega$ 信号/Signal area $\leq 1\text{m}\Omega$

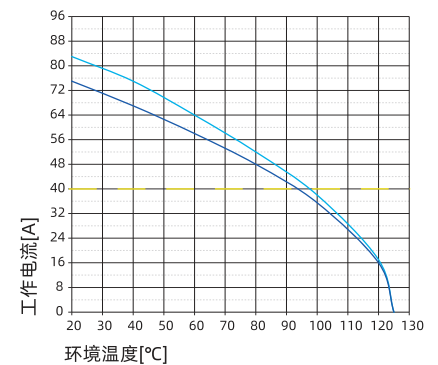
螺钉连接/Screw terminal

电源/Power area $4-10\text{mm}^2$ (AWG12-8)信号/Signal area $1-2.5\text{mm}^2$ (AWG18-14)

信号/Signal area 0.5Nm

电源/Power area

mm ²	4	6	10
N.m	3	3	3



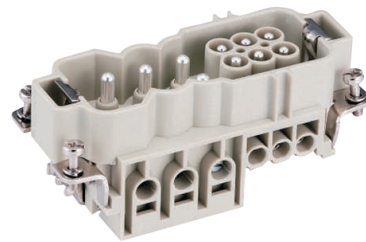
— 导线截面: 16mm²
Wire gauge: 16mm²
— 导线截面: 10mm²
Wire gauge: 10mm²

HWK

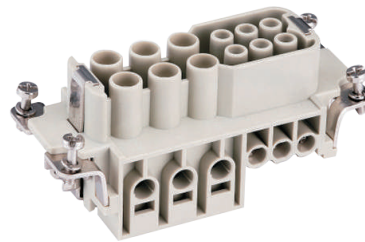
接插件针数
Number of contacts

6/6+ 

插芯/Insert 690/400V 40/16A



HWK-006/6-M



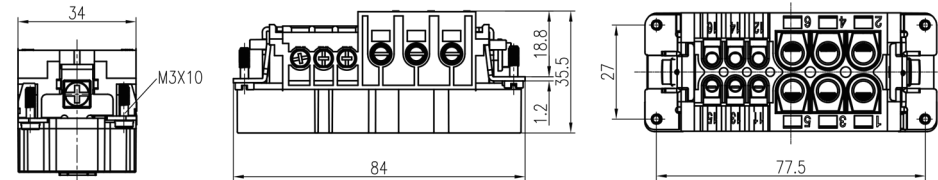
HWK-006/6-F

TYPE

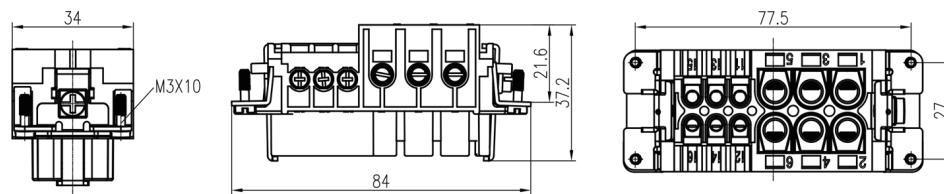
尺寸图

Drawing (Dimensions in mm)

公插体
Male insert (M)

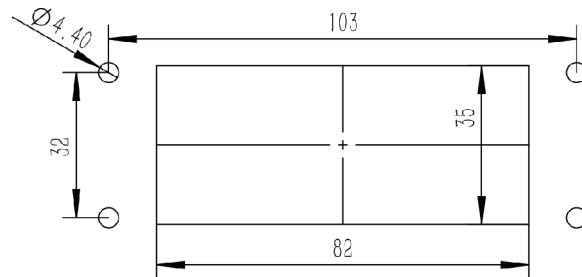


母插体
Female insert (F)



面板安装开孔图

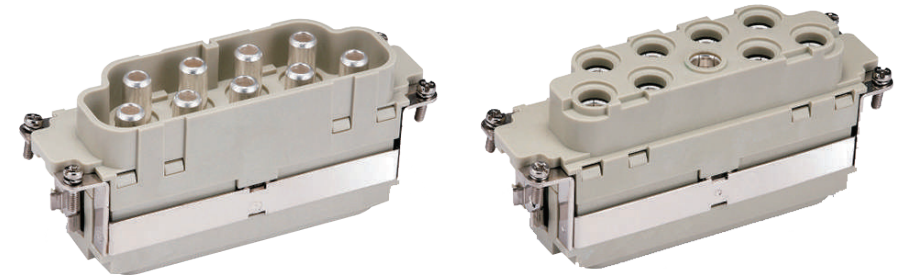
Panel cut out for inserts
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H16B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HK

技术特性
Technical characteristics



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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

污染等级2时的参数/Pollution degree 2 also

据UL工作电压/Working voltage acc.to UL

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

DIN EN 60 664

DIN EN 61 984

8/0+PE

100A

690 V

3

8KV

100A

8000 V

2

8KV

600V

Polycarbonate

$\geq 10^{10} \Omega$

V0

-40°C ~ +125°C

≥ 500

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

接线形式/Terminal

导线规格/Wire gauge

螺钉拧紧力矩/Screw terminal tightening

铜/Copper alloy

镀银/Silver plated

电源/Power area $\leq 3m\Omega$

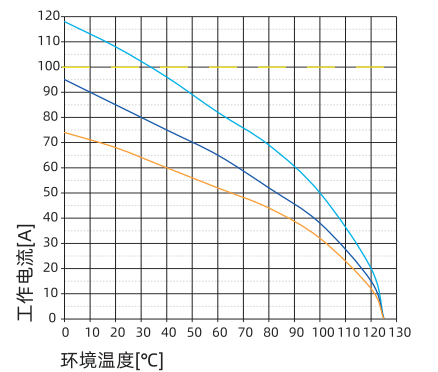
信号/Signal area $\leq 1m\Omega$

螺钉连接/Screw terminal

电源/Power area 10-25mm²(AWG7-3)

电源/Power area

mm ²	10	16	25
N.m	6	6	7



— 导线截面: 25mm²
Wire gauge: 25mm²
— 导线截面: 16mm²
Wire gauge: 16mm²
— 导线截面: 10mm²
Wire gauge: 10mm²

HK

接插件针数
Number of contacts

8/0+ 

插芯/Insert 690V 100A



HK-008/0-M



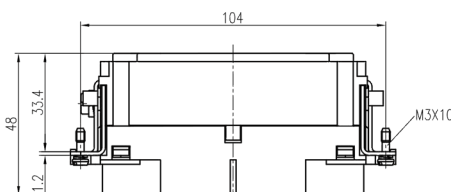
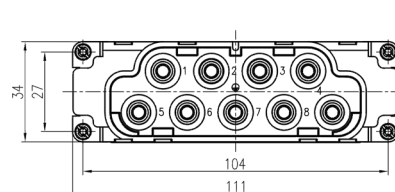
HK-008/0-F

TYPE

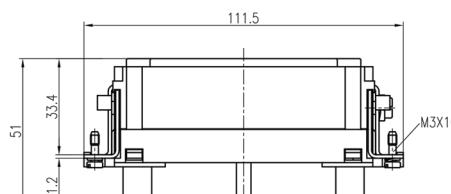
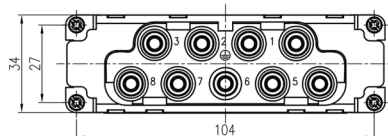
尺寸图

Drawing (Dimensions in mm)

公插体
Male insert (M)



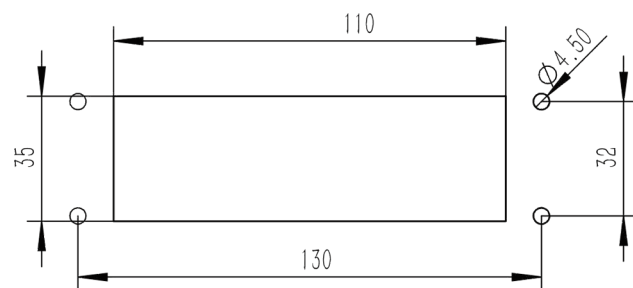
母插体
Female insert (F)



面板安装开孔图

Panel cut out for inserts

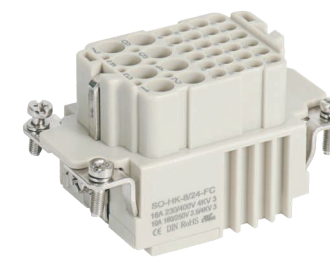
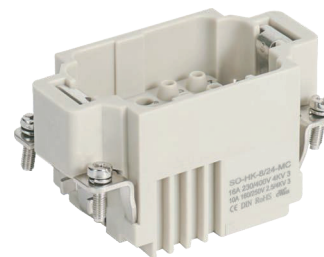
for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H24B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HK

技术特性
Technical characteristics



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

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

测试和控制过程依据DIN IEC 60512-5
Control and test procedures
according to DIN IEC 60512-5

规范/Specifications

接插体/Inserts

接插件针数/Number of contacts

电源/Power area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

污染等级2时的参数/Pollution degree 2 also

信号/Signal area

工作电流/Working current

工作电压/Working voltage

污染等级/Pollution degree

额定脉冲耐受电压/Rated impulse voltage

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

材料/Material

绝缘电阻/Insulation resistance

阻燃等级UL94/Flammability acc.to(UL94)

工作温度范围/Limiting temperatures

插拔次数/Mechanical working life (mating cycles)

DIN EN 60 664

DIN EN 61 984

8/24+PE

16A

400V

3

6KV

10A

250V

3

4KV

10A

160V

3

2.5KV

600V/300V

Polycarbonate

$\geq 10^{10} \Omega$

V0

-40°C ~ +125°C

≥ 500

接插针/Contacts

材料/Material

表面处理/Surface

接触电阻/Contact resistance

铜/Copper alloy

镀金/Gold plated

镀银/Silver plated

$\leq 1m\Omega/3m\Omega$

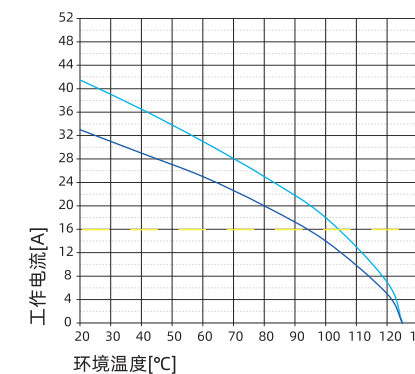
接线形式/Terminal

导线规格/Wire gauge

冷压连接/Crimp terminal

0.5-4.0mm²/0.14-2.5mm²

AWG20-12/26-14



— 导线截面: 4.0mm²
Wire gauge:4.0mm²
— 导线截面: 2.5mm²
Wire gauge:2.5mm²

HK

接插件针数
Number of contacts

8/24+⊕

插芯/Insert 400/250V 16/10A

TYPE

HK-008/24-MC

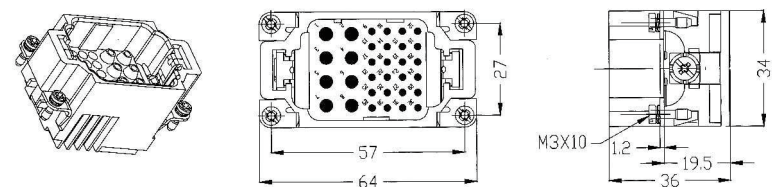
HK-008/24-FC

尺寸图

Drawing (Dimensions in mm)

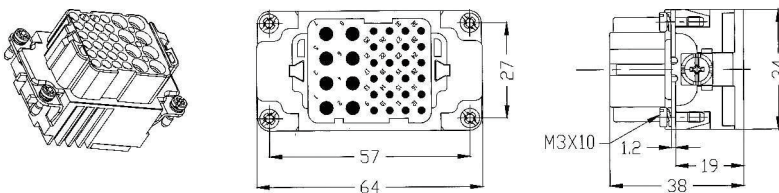
公插体

Male insert (MC)



母插体

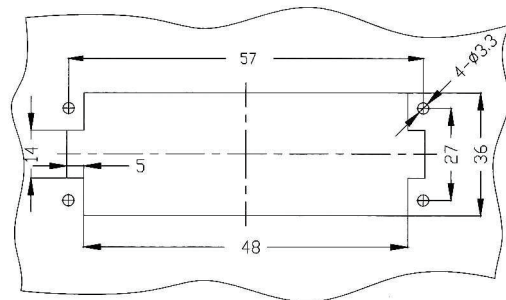
Female insert (FC)



面板安装开孔图

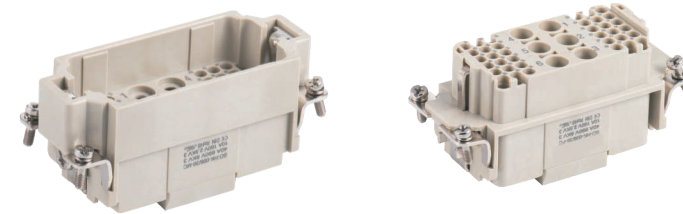
Panel cut out for inserts

for use without hoods/housings



Note: 配套外壳 Suit hood/housing: Size H10B
外壳详细参数见“外壳部分”
Hood/Housing detail on "Hood/Housing" section

HK-006/36

组合型插芯
Combination of ferrule

技术参数/Technical characteristics

规范/认证 Specifications/Approvals

规范/Specifications	DIN EN 60 664 DIN EN 61 984
认证/Approvals	UL, CE

插芯 inserts

插插件针数/Number of contacts 6/36+PE

依据DIN EN61984的额定电压/Electrical date acc.to DIN EN 61 984

电力区/Power area

-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

信号区/Signal area

-额定电流/Rated current	10A
-额定电压/Rated voltage	160V
-额定脉冲电压/Rated impulse voltage	2.5KV
-污染程度/Pollution degree	3
-污染程度2时的参数/Pollution degres 2 also	10A 4250V 4KV 2

依据UL/CSA额定电压/Rated voltage acc.to UL 600/300V

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℃...+125℃

依据UL94的阻燃等级/Flammability acc.to UL 94 V0

可拔插次数/Mechanical working life(mating cycles) ≥ 500

插针/Contacts

强电针/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 $\leq 1 m\Omega$

冷压连接/Crimp terminal

-mm ²	0.15-6mm ²
-AWG	16-10

信号针/Wire gauge

-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 $\leq 3 m\Omega$

冷压连接/Crimp terminal

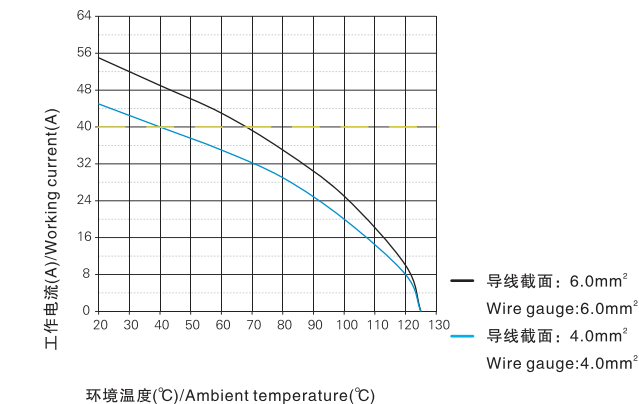
-mm ²	0.14-2.5mm ²
-AWG	26-14

电流负载能力/Current carrying

电流负载能力所受的限制主要来自包装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

Control and test procedures according to DIN EN60512-5



Note: 10/16A冷压针需另外订购, 订货号详情请参见第142/143页
Crimp termina of 10/16A should order contacts pins separately, detail please refer to page 142/143

HK-006/36

组合型插芯
Combination of ferrule
690/160V 40/10A 6/36+⊕
UL VDE CE

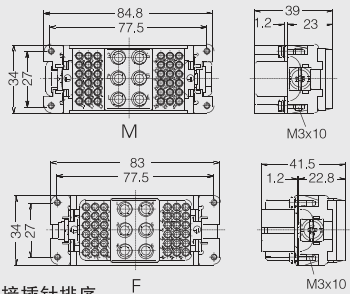
插芯 inserts

冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HK-006/36-MC
母/Female	SO-HK-006/36-FC

1)接插体之间最大距离21mm
1)Distance for contact mas.21mm



接插针排序
Contact arrangement view from termination side

冷压针 Crimp contacts

10A 冷压针/10A Crimp contacts

镀银/Silver plated

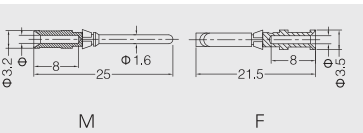


镀金/Gold plated



公/Male	母/Female
CDSM-0.37	CDSF-0.37
CDSM-0.50	CDSF-0.50
CDSM-0.75	CDSF-0.75
CDSM-1.0	CDSF-1.0
CDSM-1.5	CDSF-1.5
CDSM-2.5	CDSF-2.5

CDGM-0.37	CDGF-0.37
CDGM-0.50	CDGF-0.50
CDGM-0.75	CDGF-0.75
CDGM-1.0	CDGF-1.0
CDGM-1.5	CDGF-1.5
CDGM-2.5	CDGF-2.5



线规	Φ	剥线长度
0.14-0.37 mm² AWG 26-22	0.9	8 mm
0.5 mm² AWG 20	1.1	8 mm
0.75 mm² AWG 18	1.3	8 mm
1 mm² AWG 18	1.45	8 mm
1.5 mm² AWG 16	1.75	8 mm
2.5 mm² AWG 14	2.25	6 mm

当线规小于0.75mm²时，建议使用辅助装针工具TL15。
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

40A 冷压针/40A Crimp contacts

镀银/Silver plated

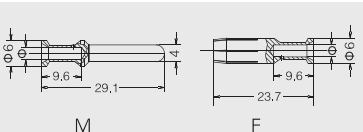


镀金/Gold plated



公/Male	母/Female
CCSM-1.5	CCSF-1.5
CCSM-2.5	CCSF-2.5
CCSM-4.0	CCSF-4.0
CCSM-6.0	CCSF-6.0

CCGM-1.5	CCGF-1.5
CCGM-2.5	CCGF-2.5
CCGM-4.0	CCGF-4.0
CCGM-6.0	CCGF-6.0



线规	Φ	剥线长度
1.5 mm² AWG 16	1.75	9 mm
2.5 mm² AWG 14	2.25	9 mm
4 mm² AWG 12	2.85	9.6 mm
6 mm² AWG 10	3.5	9.6 mm

Note: 配套外壳 Suit hood/housing: Size 16B
外壳详细参数见“外壳部分”
Hood/Housing detail on
“Hood/Housing” section

工具/Tools

冷压钳
Crimping tool



退针器
Contact removal tool



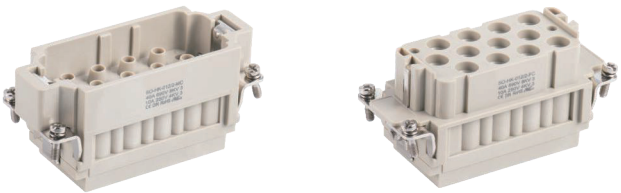
压接线径/Wire gauge(mm²)	型号/Type
0.14-4mm²	TL02G
1.5-6mm²	TL02-0G

适用类型/Application	型号/Type
10A冷压针/For crimp contacts 10A	TL00

适用类型/Application	型号/Type
40A冷压针/For crimp contacts 40A	TL06G

HK-012/2

组合型插芯
Combination of ferrule



技术参数/Technical characteristics

规范/认证 Specifications/Approvals

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

认证/Approvals



插芯 inserts

插插件针数/Number of contacts 12/2+PE

依据DIN EN61984的额定电压/Electrical date acc.to DIN EN 61 984

电力区/Power area	
-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

信号区/Signal area	
-额定电流/Rated current	10A
-额定电压/Rated voltage	250V
-额定脉冲电压/Rated impulse voltage	4KV
-污染程度/Pollution degree	3

依据UL/CSA额定电压/Rated voltage acc.to UL 600/300V

绝缘电阻/Insulation resistance ≥10¹⁵Ω

材料/Material 聚碳酸酯/Polycarbonate

工作温度范围/Limiting temperatures -40℃...+125℃

阻燃等级/Flammability V0

可拔插次数/Mechanical working life(mating cycles) ≥500

插针/Contacts

强电针/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 ≤1mΩ

冷压连接/Crimp terminal	
-mm²	1.5-6mm²
-AWG	16-10

信号针/Wire gauge	
-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 ≤3mΩ

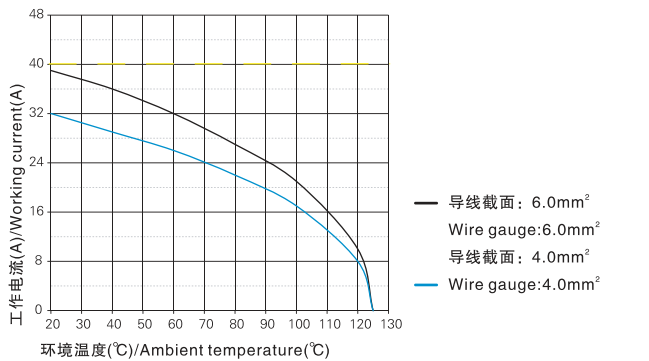
冷压连接/Crimp terminal	
-mm²	0.14-2.5mm²
-AWG	26-14

电流负载能力/Current carrying

电流负载能力所受的限制主要来自包装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

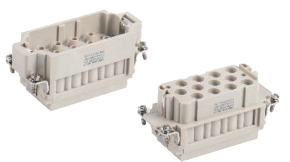
Control and test procedures according to DIN EN60512-5



HK-012/2
组合型插芯
Combination of ferrule
690/250V 40/10A 12/2+⊕

插芯 inserts

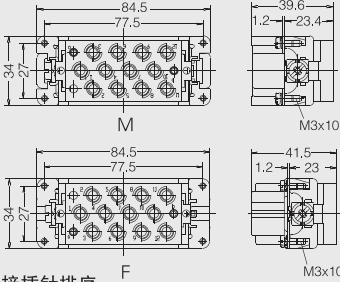
冷压连接 冷压针需要另外订购
Crimp terminal/Order crimp contacts separately



插芯/inserts	型号/Type
公/Male	SO-HK-012/2-MC
母/Female	SO-HK-012/2-FC

1)接插体之间最大距离21mm

1)Distance for contact mas.21mm



接插针排序
Contact arrangement view from termination side

冷压针 Crimp contacts

10A 冷压针/10A Crimp contacts

镀银/Silver plated



镀金/Gold plated



公/Male	母/Female
CDSM-0.37	CDSF-0.37
CDSM-0.50	CDSF-0.50
CDSM-0.75	CDSF-0.75
CDSM-1.0	CDSF-1.0
CDSM-1.5	CDSF-1.5
CDSM-2.5	CDSF-2.5

CDGM-0.37	CDGF-0.37
CDGM-0.50	CDGF-0.50
CDGM-0.75	CDGF-0.75
CDGM-1.0	CDGF-1.0
CDGM-1.5	CDGF-1.5
CDGM-2.5	CDGF-2.5

40A 冷压针/40A Crimp contacts

镀银/Silver plated



镀金/Gold plated



公/Male	母/Female
CCSM-1.5	CCSF-1.5
CCSM-2.5	CCSF-2.5
CCSM-4.0	CCSF-4.0
CCSM-6.0	CCSF-6.0

CCGM-1.5	CCGF-1.5
CCGM-2.5	CCGF-2.5
CCGM-4.0	CCGF-4.0
CCGM-6.0	CCGF-6.0

工具/Tools

冷压钳

Crimping tool



退针器

Contact removal tool



压接线径/Wire gauge(mm²)	型号/Type
0.14-4mm²	TL02G
1.5-6mm²	TL02-0G

适用类型/Application	型号/Type
10A冷压针/For crimp contacts 10A	TL00

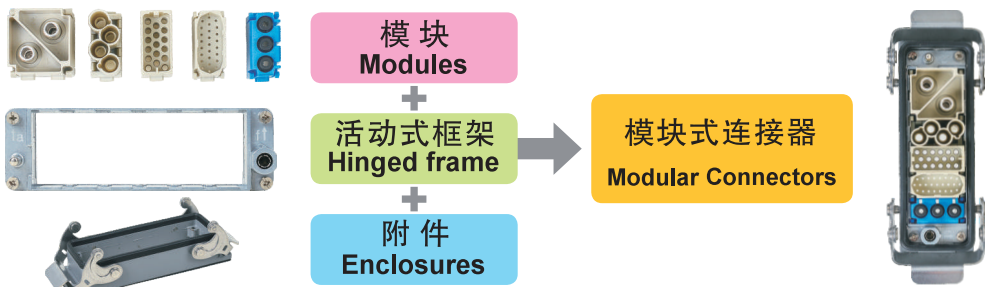
适用类型/Application	型号/Type
40A冷压针/For crimp contacts 40A	TL06G

Note: 配套外壳 Suit hood/housing: Size 16B
外壳详细参数见“外壳部分”
Hood/Housing detail on
“Hood/Housing” section

HF 模块框架技术特性
Hinged frames technical characteristics

技术参数/Technical characteristics

模块数量/Number of modules	2, 3, 4, 6
接地线/PE contact(Wire gauge)	
- 功率线/Power side	4-10mm²
	AWG 12-8
- 信号线/Signal side	1-2.5mm²
	18-14
材料/Material	zinc die-cast
工作温度范围/Limiting temperatures	-40℃...+125℃
可拔插次数/Mechanical working life(mating cycles)	≥500



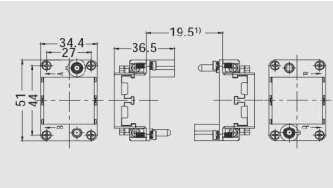
框架结构类型 1, 滑动边框锁定结构/frame construction version 1

Unit: mm

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



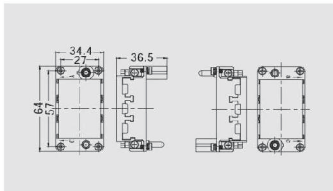
描述/Application	标示/Marking	型号/Type
用于2个模块/for 2 modules	A-B	SO-HF6B-UA
用于2个模块/for 2 modules	a-b	SO-HF6B-LA



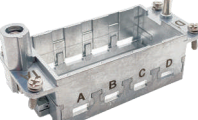
10B 活动框架 适用所有10B外壳
10B frame,size 10B hoods/housings



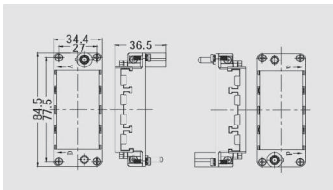
描述/Application	标示/Marking	型号/Type
用于3个模块/for 3 modules	A-C	SO-HF10B-UA
用于3个模块/for 3 modules	a-c	SO-HF10B-LA



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



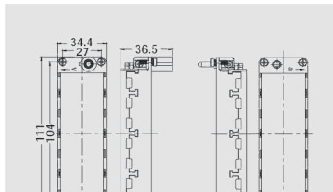
描述/Application	标示/Marking	型号/Type
用于4个模块/for 4 modules	A-D	SO-HF16B-UA
用于4个模块/for 4 modules	a-d	SO-HF16B-LA



24B 活动框架 适用所有24B外壳
24B frame,size 10B hoods/housings



描述/Application	标示/Marking	型号/Type
用于6个模块/for 6 modules	A-F	SO-HF24B-UA
用于6个模块/for 6 modules	a-f	SO-HF24B-LA



HF 模块框架技术特性

Hinged frames technical characteristics

技术参数/Technical characteristics

模块数量/Number of modules	2,3,4,6
接地线/PE contact(Wire gauge)	
- 功率线/Power side	- 4-10mm ²
	AWG 12-8
- 信号线/Signal side	- 1-2.5mm ²
	18-14
材料/Material	聚碳酸酯/PC
工作温度范围/Limiting temperatures	-40℃...+125℃
可拔插次数/Mechanical working life(mating cycles)	≥500

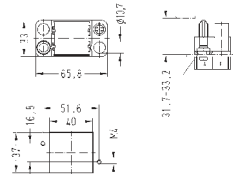
frame construction version 框架结构类型：浮动安装

塑料模块框架 6B

Docking frames 6B



描述/Application	标示/Marking	型号/Type
用于2个模块/for 2 modules	A-B	SO-HF6B.P-UA
用于2个模块/for 2 modules	a-b	SO-HF6B.P-LA

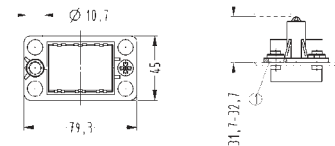


塑料模块框架 10B

Docking frames 10B



描述/Application	标示/Marking	型号/Type
用于3个模块/for 3 modules	A-C	SO-HF10B.P-UA
用于3个模块/for 3 modules	a-c	SO-HF10B.P-LA

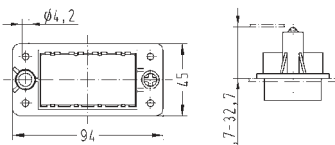


塑料模块框架 16B

Docking frames 16B



描述/Application	标示/Marking	型号/Type
用于4个模块/for 4 modules	A-D	SO-HF16B.P-UA
用于4个模块/for 4 modules	a-d	SO-HF16B.P-LA

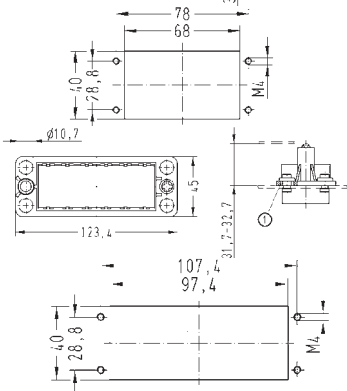


塑料模块框架 24B

Docking frames 24B

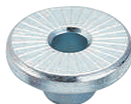


描述/Application	标示/Marking	型号/Type
用于6个模块/for 6 modules	A-F	SO-HF24B.P-UA
用于6个模块/for 6 modules	a-f	SO-HF24B.P-LA

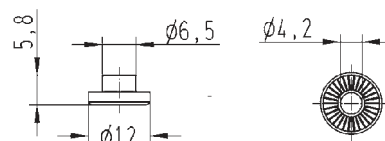


漂浮垫圈

Washer for M4 Fixing screws



型号/Type	
用于固定塑料模块	SO-HF-ADK-D12



HF 模块框架技术特性

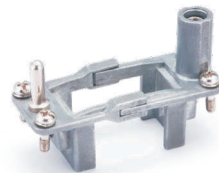
Hinged frames technical characteristics

技术参数/Technical characteristics

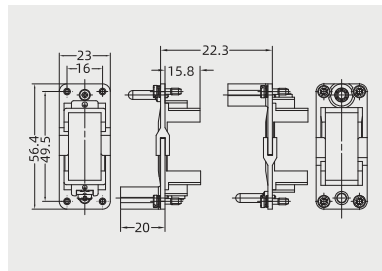
模块数量/Number of modules	1
材料/Material	zinc die-cast
工作温度范围/Limiting temperatures	-40℃...+125℃
可拔插次数/Mechanical working life(mating cycles)	≥500

模块框架 适用于H10A外壳

The module framework is suitable for H10A casing



描述/Application	型号/Type
适用单个模块状	SO-HF10A
Suitable for a single module shape	



固定框架/Fixed frame

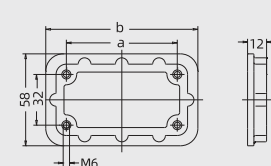
安装架/MOUNT

用于H version

For H version



规格/size	型号/Type
6B	SO-HP6B-MF
10B	SO-HP10B-MF
16B	SO-HP16B-MF
24B	SO-HP24B-MF



规格/size	a	b
6B	70	96
10B	83	109
16B	103	129
24B	130	156

对接架/Docking frame



规格/size	型号/Type
6B	SO-HP6B-ADK
10B	SO-HP10B-ADK
16B	SO-HP16B-ADK
24B	SO-HP24B-ADK

技术参数

材料

- 对接架 不锈钢
- 固定螺栓 铁,镀锌

插入容差

- x轴 ±1.5mm
- y轴 ±1.5mm

拔插次数 ≥500

安装开口

1)距离 电气针和光电线缆针距离最大27mm
气动针距离最大26.5mm

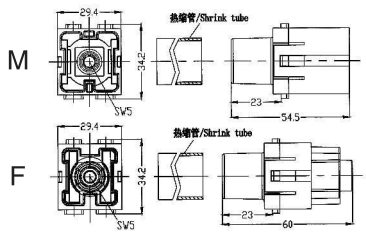
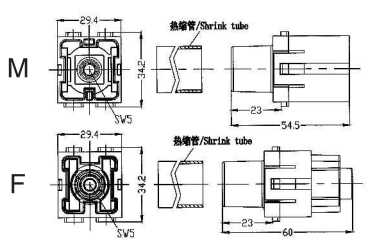
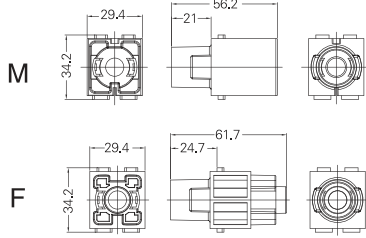
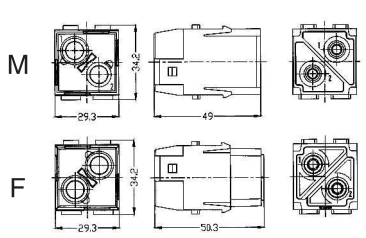
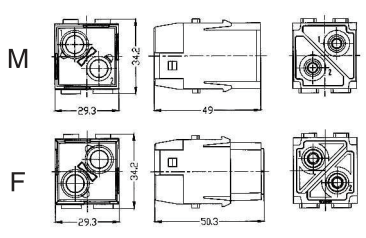
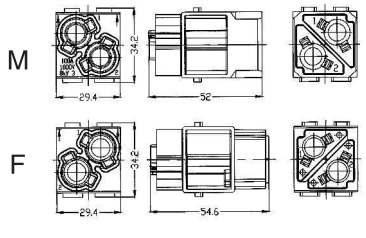
产品包括

1个架子

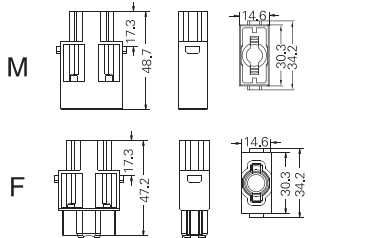
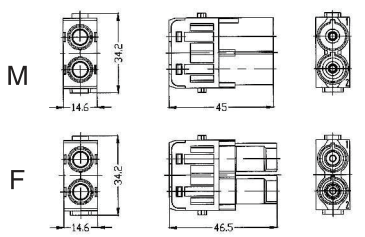
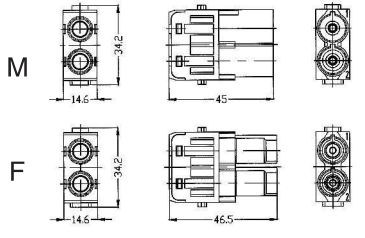
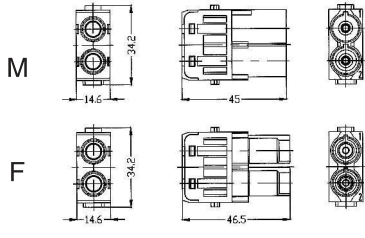
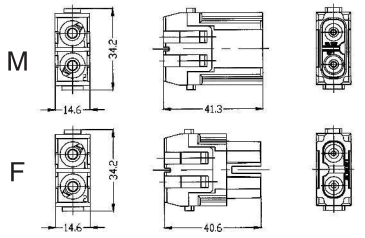
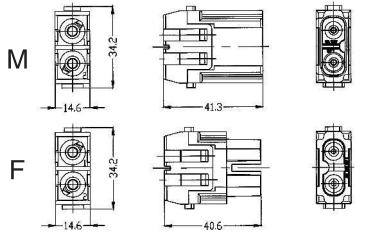
4个带平头的螺栓, 用于固定对接架

规格/size	a	b	c	d	e
6B	86	69	69	54.5	84
10B	99	82	82	67.5	97
16B	119.5	102.5	102.5	88	117.5
24B	146	129	129	114.5	144

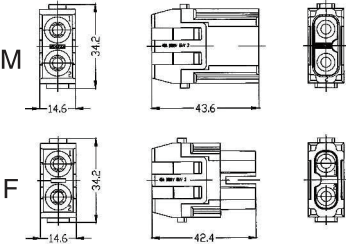
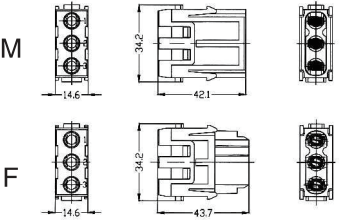
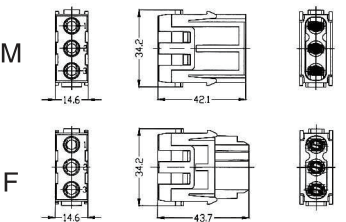
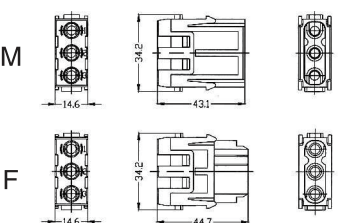
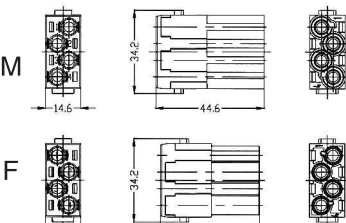
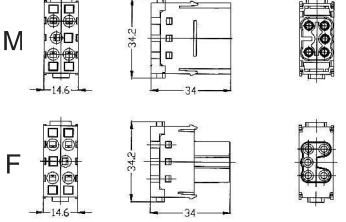
HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
  H2MK-001.1-M H2MK-001.1-F		接插件针数/Number of contacts:1 工作电流/Working current:200A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:2mΩ 轴向螺栓连接/Screw terminal:25-40mm ² (AWG2-0) 内六角扳手/Hexagonal driver:SW 5
  H2MK-001.2-M H2MK-001.2-F		接插件针数/Number of contacts:1 工作电流/Working current:200A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:2mΩ 轴向螺栓连接/Screw terminal:40-70mm ² (AWG2-0) 内六角扳手/Hexagonal driver:SW 5
  H2MK-001.2-MC H2MK-001.2-FC		接插件针数/Number of contacts:1 工作电流/Working current:200A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤0.3mΩ 冷压连接/Crimp terminal: 25-70mm ² (AWG2...00)
  H2MK-002.1-M H2MK-002.1-F		接插件针数/Number of contacts:2 工作电流/Working current:100A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤3mΩ 轴向螺栓连接/Screw terminal:10-25mm ² (AWG6-3) 内六角扳手/Hexagonal driver:SW 4
  H2MK-002.2-M H2MK-002.2-F		接插件针数/Number of contacts:2 工作电流/Working current:100A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤3mΩ 轴向螺栓连接/Screw terminal:16-35mm ² (AWG4-2) 内六角扳手/Hexagonal driver:SW 4
  H2MK-002-MC H2MK-002-FC		接插件针数/Number of contacts:2 工作电流/Working current:100A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤3mΩ 冷压连接/Crimp terminal:10-35mm ² 电缆外径不超过/Max.cable diameter:14mm

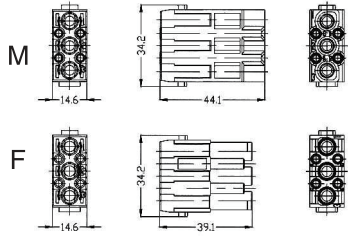
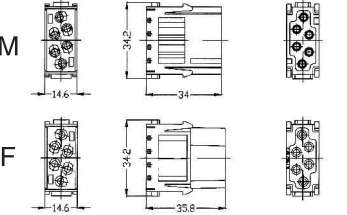
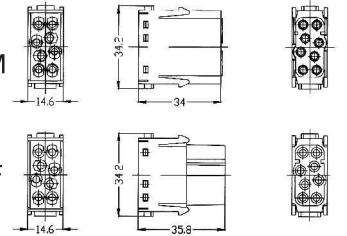
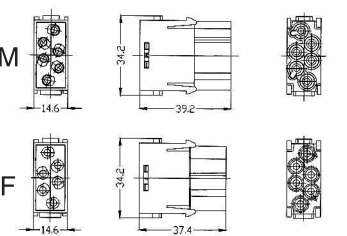
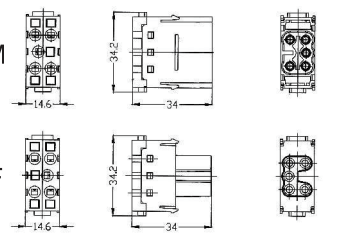
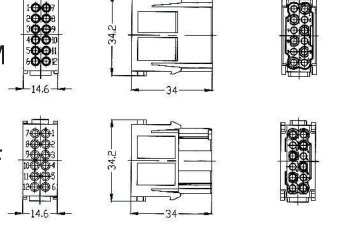
HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
  HMK-001-MC HMK-001-FC		接插件针数/Number of contacts:1 工作电流/Working current:100A 工作电压/Working voltage:830V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤0.3mΩ 冷压连接/Crimp terminal:10-35mm ²
  HMK70-002.1-M HMK70-002.1-F		接插件针数/Number of contacts:2 工作电流/Working current:70A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤0.5mΩ 轴向螺栓连接/Screw terminal:6-16mm ² (AWG8-4) 内六角扳手/Hexagonal driver:SW 2.5
  HMK70-002.2-M HMK70-002.2-F		接插件针数/Number of contacts:2 工作电流/Working current:70A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤0.5mΩ 轴向螺栓连接/Screw terminal:14-22mm ² (AWG8-4) 内六角扳手/Hexagonal driver:SW 2.5
  HMK70-002-MC HMK70-002-FC		接插件针数/Number of contacts:2 工作电流/Working current:70A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤0.5mΩ 冷压连接/Crimp terminal: 10-25mm ² (AWG6...2)
  HMK-002.1-M HMK-002.1-F		接插件针数/Number of contacts:2 工作电流/Working current:40A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤0.3mΩ 轴向螺栓连接/Screw terminal:2.5-8mm ² (AWG14-10) 内六角扳手/Hexagonal driver:SW 2
  HMK-002.2-M HMK-002.2-F		接插件针数/Number of contacts:2 工作电流/Working current:40A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance:≤0.3mΩ 轴向螺栓连接/Screw terminal:6-10mm ² (AWG10-8) 内六角扳手/Hexagonal driver:SW 2

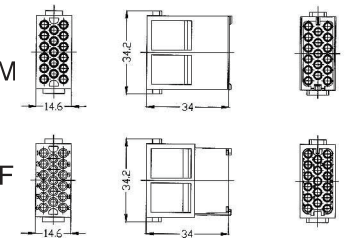
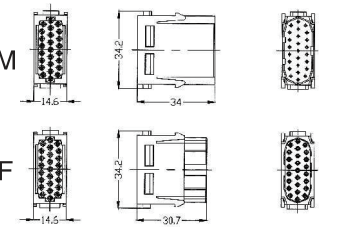
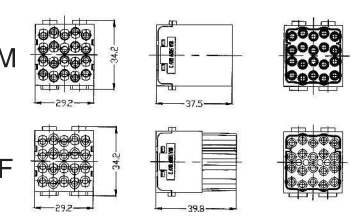
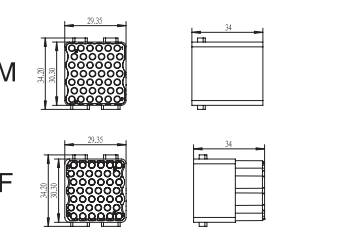
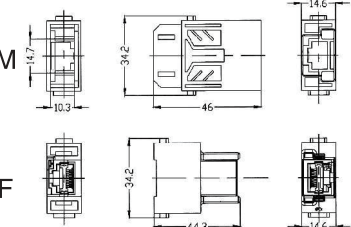
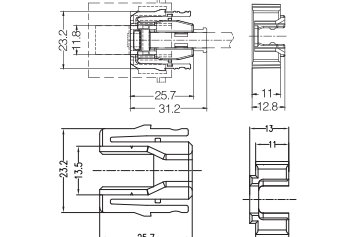
HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
  HMK-002-MC HMK-002-FC		接插件针数/Number of contacts:2 工作电流/Working current:40A 工作电压/Working voltage:1000V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance: $\leq 1\text{m}\Omega$ 冷压连接/Crimp terminal:1.5-10mm ² (AWG16-8)
  HMK-003.1-M HMK-003.1-F		接插件针数/Number of contacts:3 工作电流/Working current:40A 工作电压/Working voltage:690V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance: $\leq 0.3\text{m}\Omega$ 轴向螺栓连接/Screw terminal:2.5-8mm ² (AWG14-10) 内六角板手/Hexagonal driver:SW 2
  HMK-003.2-M HMK-003.2-F		接插件针数/Number of contacts:3 工作电流/Working current:40A 工作电压/Working voltage:690V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance: $\leq 0.3\text{m}\Omega$ 轴向螺栓连接/Screw terminal:6-10mm ² (AWG10-8) 内六角板手/Hexagonal driver:SW 2
  HMK-003-MC HMK-003-FC		接插件针数/Number of contacts:3 工作电流/Working current:40A 工作电压/Working voltage:500V 额定脉冲耐受电压/Rated impulse voltage:6KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance: $\leq 1\text{m}\Omega$ 冷压连接/Crimp terminal:1.5-10mm ² (AWG16-8)
  HMK-004-MC HMK-004-FC		接插件针数/Number of contacts:4 工作电流/Working current:40A 工作电压/Working voltage:830V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance: $\leq 1\text{m}\Omega$ 冷压连接/Crimp terminal:1.5-10mm ² (AWG16-8)
  HME-005-MQ HME-005-FQ		接插件针数/Number of contacts:5 工作电流/Working current:16A 工作电压/Working voltage:400V 额定脉冲耐受电压/Rated impulse voltage:6KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance: $\leq 3\text{m}\Omega$ 弹片连接(快捷) /Cage clamp terminal(quick connection): 0.14-2.5mm ² (AWG26-14)

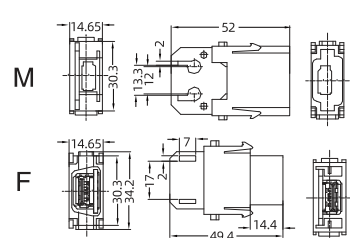
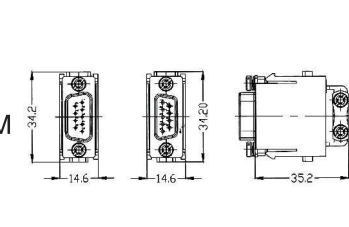
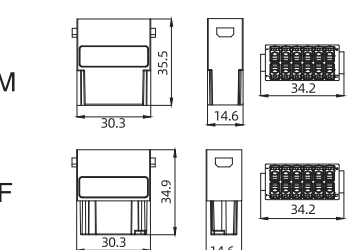
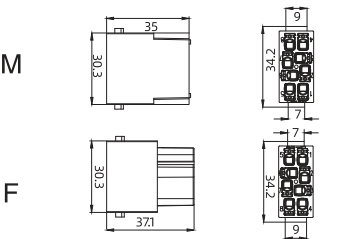
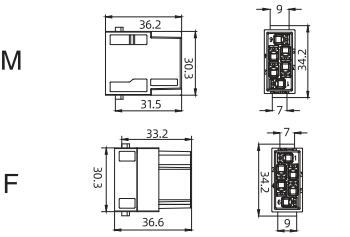
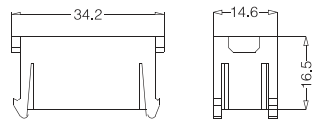
HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
  HMK-003/4-MC HMK-003/4-FC		接插件针数/Number of contacts:3/4 工作电流/Working current:电源/Power area: 40A 信号/Signal area: 10A 工作电压/Working voltage:830V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy, Gold plated, Silver plated 接触电阻/Contact resistance: $\leq 1\text{m}\Omega$ Power contacts $\leq 3\text{m}\Omega$ Signal contacts 冷压连接/Crimp terminal: 电源/Power area: 1.5-10mm ² (AWG16-8) 信号/Signal area: 0.14-2.5mm ² (AWG26-14)
  HME-006-MC HME-006-FC		接插件针数/Number of contacts:6 工作电流/Working current:16A 工作电压/Working voltage:500V 额定脉冲耐受电压/Rated impulse voltage:6KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy, Gold plated, Silver plated 接触电阻/Contact resistance: $\leq 1\text{m}\Omega$ 冷压连接/Crimp terminal:0.14-4mm ² (AWG26-12)
  HME-008-MC HME-008-FC		接插件针数/Number of contacts:8 工作电流/Working current:16A 工作电压/Working voltage:400V 额定脉冲耐受电压/Rated impulse voltage:6KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy, Gold plated, Silver plated 接触电阻/Contact resistance: $\leq 1\text{m}\Omega$ 冷压连接/Crimp terminal:0.14-4mm ² (AWG26-12)
  HVME-006-MC HVME-006-FC		接插件针数/Number of contacts:6 工作电流/Working current:16A 工作电压/Working voltage:830V 额定脉冲耐受电压/Rated impulse voltage:8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy, Gold plated, Silver plated 接触电阻/Contact resistance: $\leq 1\text{m}\Omega$ 冷压连接/Crimp terminal:0.14-4mm ² (AWG26-12)
  HME-005-MS HME-005-FS		接插件针数/Number of contacts:5 工作电流/Working current:16A 工作电压/Working voltage:400V 额定脉冲耐受电压/Rated impulse voltage:6KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀银/copper alloy, Silver plated 接触电阻/Contact resistance: $\leq 3\text{m}\Omega$ 弹片连接/Cage clamp terminal:0.14-2.5mm ² (AWG26-14)
  HMD-012-MC HMD-012-FC		接插件针数/Number of contacts:12 工作电流/Working current:10A 工作电压/Working voltage:250V 额定脉冲耐受电压/Rated impulse voltage:4KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy, Gold plated, Silver plated 接触电阻/Contact resistance: $\leq 3\text{m}\Omega$ 冷压连接/Crimp terminal:0.14-2.5mm ² (AWG26-14)

HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
  HMDD-017-MC HMDD-017-FC		接插件针数/Number of contacts:17 工作电流/Working current:10A 工作电压/Working voltage:160V 额定脉冲耐受电压/Rated impulse voltage:2.5KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy,Gold plated,Silver plated 接触电阻/Contact resistance: $\leq 3m\Omega$ 冷压连接/Crimp terminal:0.14-2.5mm ² (AWG26-14)
  HMDS-025-MC HMDS-025-FC		接插件针数/Number of contacts:25 工作电流/Working current:4A 工作电压/Working voltage:50V 额定脉冲耐受电压/Rated impulse voltage:0.8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy,Gold plated,Silver plated 冷压连接/Crimp terminal:0.08-0.52mm ² (AWG28-20)
  H2MEE-020-MC H2MEE-020-FC		接插件针数/Number of contacts:20 工作电流/Working current:16A 工作电压/Working voltage:500V 额定脉冲耐受电压/Rated impulse voltage:6KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接触电阻/Contact resistance: $\leq 1m\Omega$ 接插件/Contacts:铜,镀金,镀银/copper alloy,Gold plated,Silver plated 冷压连接/Crimp terminal:0.14-4mm ² (AWG26-12)
  H2MDD-042-MC H2MDD-042-FC		接插件针数/Number of contacts:42 工作电流/Working current:10A 工作电压/Working voltage:150V 额定脉冲耐受电压/Rated impulse voltage:2.5KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 接插件/Contacts:铜,镀金,镀银/copper alloy,Gold plated,Silver plated 接触电阻/Contact resistance: $\leq 3m\Omega$ 冷压连接/Crimp terminal:0.14-2.5mm ² (AWG26-14)
  HM-RJ45-M HM-RJ45-F		接插件针数/Number of contacts:8 工作电流/Working current:1A 工作电压/Working voltage:50V 额定脉冲耐受电压/Rated impulse voltage:0.8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 模块与RJ45的终端/Module with RJ45 terminal 绞线直径/Stranded wire diameter (1)0.89-0.99mm (2)0.94-1.07mm AWG24-26 AWG22-24
  HM-RJ45-APT/2 HM-RJ45-APT		SO-HM-RJ45-APT/2 可与SO-HM-RJ45-M公插芯搭配,仅用于标准电缆接线 Used with SO-HM-RJ45-M male inserts, only for standard cable connection SO-HM-RJ45-APT 可与SO-HM-RJ45-M公插芯搭配,仅用于电缆接线 Used with SO-HM-RJ45-M male inserts for cable connection

HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
  HM-USB-M HM-USB-F		接插件针数/Number Of Contacts: 4 工作电流/Working current:1A 工作电压/Working voltage:50V 额定脉冲耐受电压/Rated impulse voltage: 0.8KV 污染等级/Pollution degree: 3 塑件/Inserts: Polycarbonate
  HMDS-009-MC HMDS-009-FC		接插件针数/Number of contacts:9 工作电流/Working current:5A 工作电压/Working voltage:50V 额定脉冲耐受电压/Rated impulse voltage:0.8KV 污染等级/Pollution degree:3 塑件/Insert: Polycarbonate 工作温度范围/Limiting temperatures -40℃ ~ +125℃ 阻燃等级UL94/Flammability acc.to(UL94) VO 插拔次数/Mechanical working life(mating cycles) ≥ 500
  HMD-012-MQ HMD-012-FQ		接插件针数/Number Of Contacts: 12 工作电流/Working current:10A 工作电压/Working voltage:250V 额定脉冲耐受电压/Rated impulse voltage: 4KV 污染等级/Pollution degree: 3 塑件/Inserts: Polycarbonate 接插件/Contacts:铜, 镀银/Copper alloy,Silver plated 接触电阻/Contact resistance: $\leq 3m\Omega$ 弹片连接(快接) /Cage clamp terminal (quick connection) : 0.5-2.5mm ² (AWG20-14)
  HMEE-008-MQ HMEE-008-FQ		接插件针数/Number Of Contacts: 8 工作电流/Working current:16A 工作电压/Working voltage:400V 额定脉冲耐受电压/Rated impulse voltage: 6KV 污染等级/Pollution degree: 3 塑件/Inserts: Polycarbonate 接插件/Contacts:铜, 镀银/Copper alloy,Silver plated 接触电阻/Contact resistance: $\leq 3m\Omega$ 弹片连接(快接) /Cage clamp terminal (quick connection) : 0.5-4mm ² (AWG20-12)
  HME-006-MQ HME-006-FQ		接插件针数/Number Of Contacts: 6 工作电流/Working current:16A 工作电压/Working voltage:500V 额定脉冲耐受电压/Rated impulse voltage: 6KV 污染等级/Pollution degree: 3 塑件/Inserts: Polycarbonate 接插件/Contacts:铜, 镀银/Copper alloy,Silver plated 接触电阻/Contact resistance: $\leq 3m\Omega$ 弹片连接(快接) /Cage clamp terminal (quick connection) : 0.5-4mm ² (AWG20-12)
 HM-000		用于填充固定框架内空余的模块空间 Dummr module,used to till the empty module space in the frame 阻燃等级UL94/Flammability acc.to(UL94) VO

HMSC

光纤模块
Fiber optic module

插芯

技术参数	
规范 / 认证	
规范	DIN EN 60 664 DIN EN 61 984
认证	
插芯	装配说明
接插件针数	4
插入损耗	< 0.5 dB
材料	聚碳酸酯
工作温度范围	-40 ° C ... +85 ° C
依据 UL 94 的阻燃等级	V 0
可拔插次数	≥ 500

HMSC-004-MC

步骤 1: 把 SC 光纤跳线装入模块对应的凹槽里；
步骤 2: 把固定片沿着模块底部开口槽，向上轻轻推进，盖住 SC 光纤，直至固定片切口槽卡入模块里；安装完成

HMSC-004-MC

步骤 1: 把定位套筒套进 SC 光纤跳线的插芯上，顺势按下直至接触；
步骤 2: 把 SC 光纤跳线装入模块对应的凹槽里；
步骤 3: 把固定片沿着模块底部开口槽，向上轻轻推进，盖住 SC 光纤，直至固定片切口槽卡入模块里；安装完成

光纤模块 SC 光纤接头需另外订购



插芯	型号
公	SO-HMSC-004-MC
母	SO-HMSC-004-FC

SC 光纤跳线¹⁾



描述	型号
散件 ²⁾	SC-PC/SM-3.0
散件	PC-SC/UPC-SC/UPC-1.0(9/125μm-φ3.0) PC-SC/UPC-SC/UPC-2.0(9/125μm-φ3.0)



描述	型号
散件 ²⁾	SC-PC/MM-3.0
散件	PC-SC/UPC-SC/UPC-1.0(50/125μm-φ3.0) PC-SC/UPC-SC/UPC-2.0(50/125μm-φ3.0) PC-SC/UPC-SC/UPC-1.0(62.5/125μm-φ3.0) PC-SC/UPC-SC/UPC-2.0(62.5/125μm-φ3.0)

- 1) 可定制 SC、FC、ST、LC、MTRJ 不同规格和长度的光纤跳线。
2) 购买散件需配备相应的专业设备。

HASC

光纤模块
Fiber optic module

插芯

技术参数	
规范 / 认证	
规范	DIN EN 60 664 DIN EN 61 984
认证	
插芯 特点	装配说明
接插件针数	4
插入损耗	< 0.5 dB
材料	聚碳酸酯
工作温度范围	-40 ° C ... +85 ° C
依据 UL 94 的阻燃等级	V 0
可拔插次数	≥ 500
保护等级达到 IP65/IP68 适用于光纤 SC 光纤跳线，每个连接器最多 4 个 SC 光纤跳线 适用 50-62.5/125μm 多模光纤和 9/125μm 单模光纤	

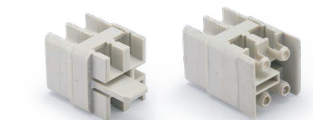
HASC-004-MC

步骤 1: 把 SC 光纤跳线装入模块对应的凹槽里；
步骤 2: 把固定块沿着模块切口槽，向里轻轻推进，盖住 SC 光纤，直至固定块装入模块里；安装完成。

HASC-004-MC

步骤 1: 把定位套筒套进 SC 光纤跳线的插芯上，顺势按下直至接触；
步骤 2: 把 SC 光纤跳线装入模块对应的凹槽里；
步骤 3: 把固定块沿着模块切口槽，向里轻轻推进，盖住 SC 光纤，直至固定块装入模块里；安装完成。

SC 模块 SC 光纤接头需另外订购



插芯	型号
公	SO-HASC-004-MC
母	SO-HASC-004-FC

SC 光纤跳线¹⁾



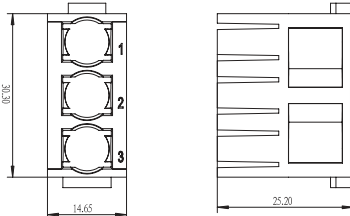
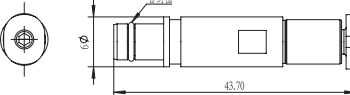
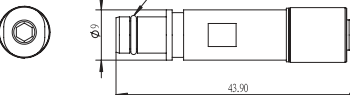
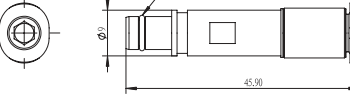
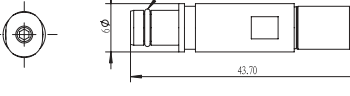
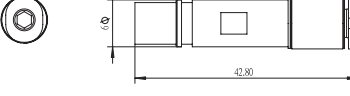
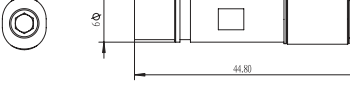
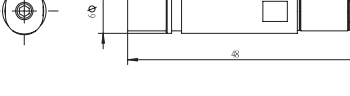
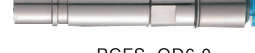
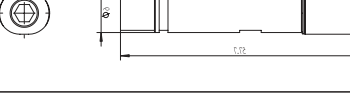
描述	型号
散件 ²⁾	SC-PC/SM-3.0
散件	PC-SC/UPC-SC/UPC-1.0(9/125μm-φ3.0) PC-SC/UPC-SC/UPC-2.0(9/125μm-φ3.0)



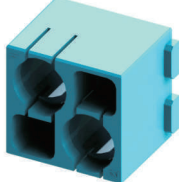
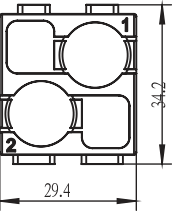
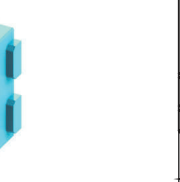
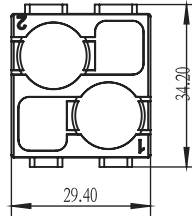
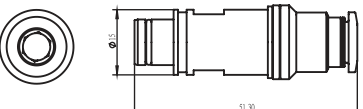
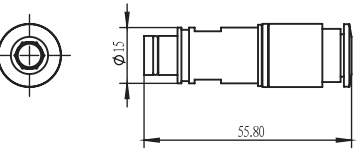
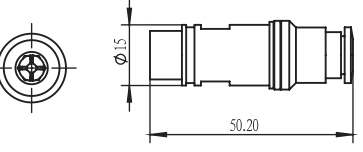
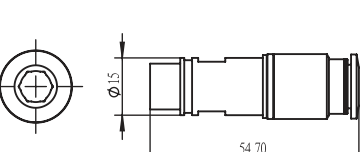
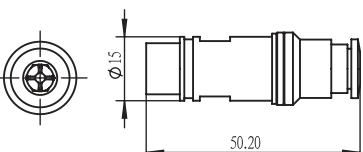
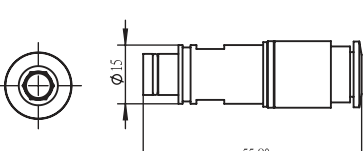
描述	型号
散件 ²⁾	SC-PC/MM-3.0
散件	PC-SC/UPC-SC/UPC-1.0(50/125μm-φ3.0) PC-SC/UPC-SC/UPC-2.0(50/125μm-φ3.0) PC-SC/UPC-SC/UPC-1.0(62.5/125μm-φ3.0) PC-SC/UPC-SC/UPC-2.0(62.5/125μm-φ3.0)

- 1) 可定制 SC、FC、ST、LC、MTRJ 不同规格和长度的光纤跳线。
2) 购买散件需配备相应的专业设备。

HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
 HMP-003-V2		接插件针数/Number of contacts:3 塑件/Insert: Polycarbonate 工作温度范围/Limiting temperatures -40℃ ~ +80℃ 阻燃等级UL94/Flammability acc.to(UL94) VO 插拔次数/Mechanical working life(mating cycles)≥500 接插件/Contacts 材料/Material:黄铜镀镍/Nickel-plated brass 管道直径/pipe internal diameter:(3.0mm/1/8") (4.0mm/1/8") (6.0mm/1/4") 工作压力/Working pressure:up 8 bar /116 psi 密封件/Sealing:丁腈橡胶/NBR 闭锁阀/Shut off valve:聚丙烯/Polypropylen
 PCM-OD3.0		无锁止 without shut off
 PCM-OD4.0		无锁止 without shut off
 PCM-OD6.0		无锁止 without shut off
 PCF-OD3.0		无锁止 without shut off
 PCF-OD4.0		无锁止 without shut off
 PCF-OD6.0		无锁止 without shut off
 PCFS-OD3.0		带锁止 with shut off
 PCFS-OD4.0		带锁止 with shut off
 PCFS-OD6.0		带锁止 with shut off

HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
 H2MP-002-M		接插件针数/Number of contacts:2 塑件/Insert: Polycarbonate 工作温度范围/Limiting temperatures -40℃ ~ +80℃ 阻燃等级UL94/Flammability acc.to(UL94) VO 插拔次数/Mechanical working life(mating cycles)≥500 接插件/Contacts 材料/Material:黄铜镀镍/Nickel-plated brass 管道外径/pipe internal diameter: 8mm/10mm 工作压力/Working pressure:up 10 bar /116 psi 密封件/Sealing:丁腈橡胶/NBR 闭锁阀/Shut off valve:聚丙烯/Polypropylen
 H2MP-002-F		
 PCM-OD8.0		无锁止 without shut off
 PCM-OD10.0		无锁止 without shut off
 PCF-OD8.0		无锁止 without shut off
 PCF-OD10.0		无锁止 without shut off
 PCFS-OD8.0		带锁止 with shut off
 PCFS-OD10.0		带锁止 with shut off

HM 模块型技术特性
Modular Series Technical Characteristics

产品型号 Type of products

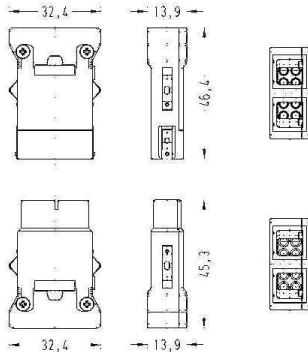
尺寸图 Drawing(Dimensions in mm)

技术参数 Technical parameters

冷压连接/Crimp terminal,
带有额外屏蔽连接到框架
with additional shield connection
to the hinged frame


公/Male
HMMB-008-MC


母/Female
HMMB-008-FC



接插件针数/Combination of contacts:2x4

插拔次数/Mechanical working life

-mating cycles: > =500

工作电流/Rated current:10A

工作温度范围/Limiting temperature,min.: -40℃

Limiting temperature,max.:125℃

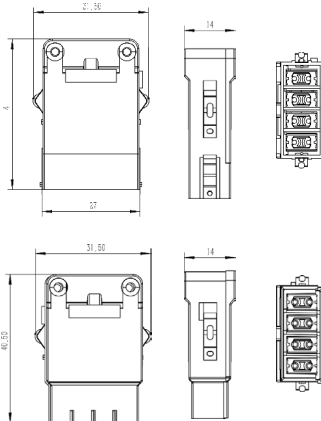
接线形式/ Termination method:冷压连接/ Crimp terminal

需独立订购，压针适配器模块需另外订购
Please order crimp contacts separately.
Please order the adapter modulesepartately.

冷压连接/Crimp terminal,
带有额外屏蔽连接到框架
with additional shield connection
to the hinged frame


公/Male
HMGB-008-MC


母/Female
HMGB-008-FC



接插件针数/Combination of contacts:4x2

插拔次数/Mechanical working life

-mating cycles: > =500

工作电流/Rated current:5A

工作温度范围/Limiting temperature,min.: -40℃

Limiting temperature,max.:125℃

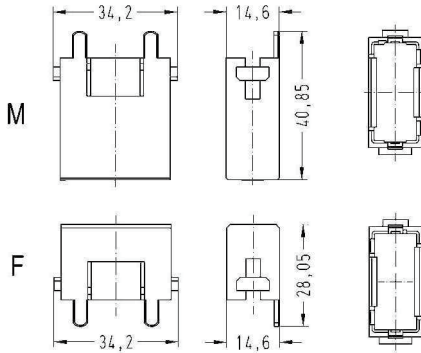
接线形式/ Termination method:冷压连接/ Crimp terminal

需独立订购，压针适配器模块需另外订购
Please order crimp contacts separately.
Please order the adapter modulesepartately.

Adapte module 适配器模块


AM-M


AM-F



接插件针数/Combination of contacts:1-8

插拔次数/Mechanical working life

-mating cycles: > =500

工作电流/Rated current:10A

工作温度范围/Limiting temperature,min.: -40℃

Limiting temperature,max.:125℃

接线形式/ Termination method:

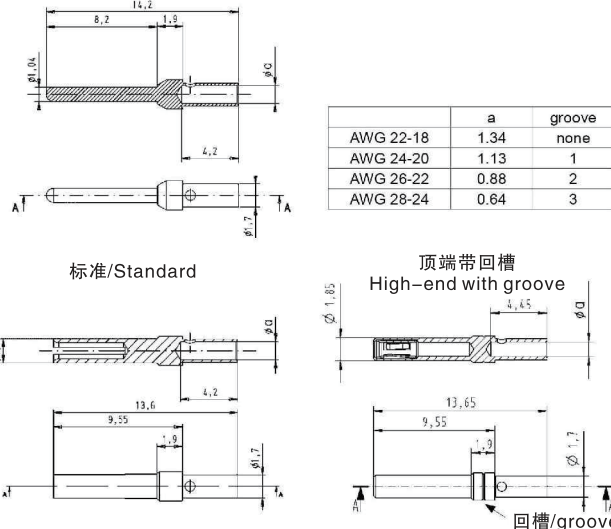
冷压连接/ Crimp terminal

导线规格/Wire cross section:0.14-2.5mm²

HM 模块型技术特性
Modular Series Technical Characteristics

公针
Male contacts

母针
Female contacts



	a	groove
AWG 22-18	1.34	none
AWG 24-20	1.13	1
AWG 26-22	0.88	2
AWG 28-24	0.64	3

标准/Standard

顶端带回槽
High-end with groove

回槽/groove

D-SUB 模块附件
D-SUB Housing rangeAccessories for full metal hoods

产品名称 Name of products

产品型号 Type of products

尺寸图 Drawing(Dimensions in mm)

Cable clamp
电缆钳夹

Cable-Φ appr. 5-7mm

Cable-Φ appr. 7-10mm

Cable-Φ appr. 9-12mm

Cable-Φ appr. 11-14mm

Cable-Φ appr. 14-16mm

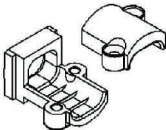
SO-HM-CLP5-7

SO-HM-CLP7-10

SO-HM-CLP9-12

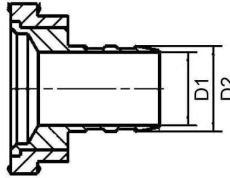
SO-HM-CLP11-14

SO-HM-CLP14-16



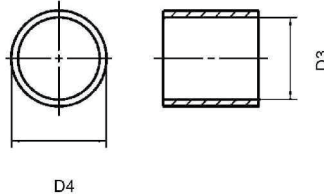
Crimp flange
压接法兰

D1	D2
3.0	4.0
3.5	4.5
4.0	5.0
4.5	5.5
5.0	6.0
5.5	6.5
6.0	7.0
6.5	7.5
7.0	8.0
7.5	8.5
8.0	9.0
8.5	9.5
9.0	10.00



Crimp ferrule
压接套管

D3	D4
5.0	6.0
5.5	6.5
6.0	7.0
6.5	7.5
7.0	8.0
7.5	8.5
8.0	9.0
8.5	9.5
9.0	10.0
9.5	10.5
10.0	11.0
10.5	11.5
11.0	12.0
11.5	12.5
12.0	13.0



Q-Coax 电磁屏蔽模块

Q-Coax Electromagnetic screening module



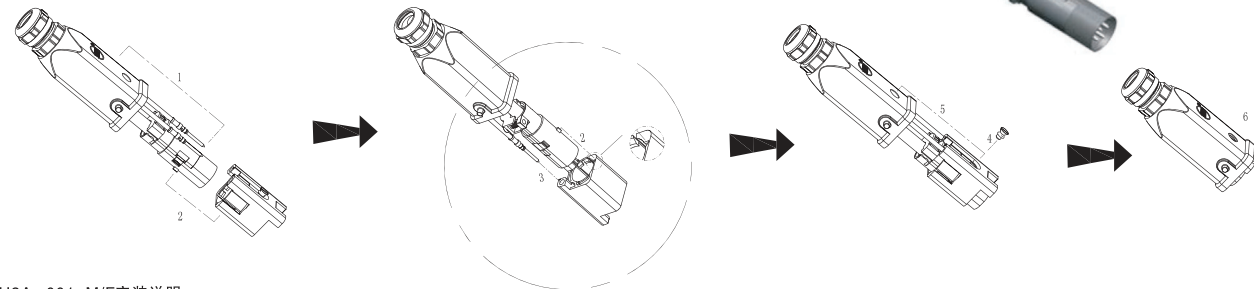
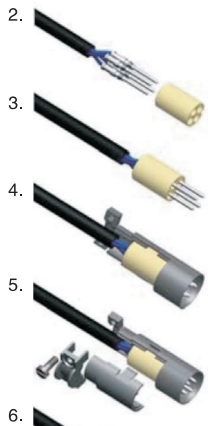
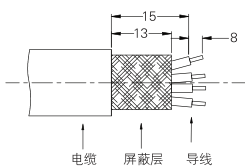
技术参数/Technical characteristics

规范/认证 Specifications/Approvals	
规范/Specifications	DIN EN 60 664 DIN EN 61 984
认证/Approvals	
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℃...+125℃
阻燃等级/Flammability acc.to UL 94	V0
可拔插次数/mechanical working life(mating cycles)	≥ 500
Q-Coax 针/Q-Coax contacts	
针数/Number of contacts	
-Q-Coax	1+屏蔽/1+shielding 4+屏蔽/4+shielding
-高密度Q-Coax/High Density Q-Coax	8+屏蔽/8+shielding
依据EN61 984的电气数据/Electrical data acc.to EN 61 984	
-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/polycarbonate
-外导体/Out conductor	锌合金/zinc alloy
接触电阻/Contact resistance	$\leq 4m\Omega$
工作温度范围/Limiting temperatures	-40℃...+85℃
依据UL94的阻燃等级/Flammability acc.to UL 94	UI94
外导体表面/Outer surface finish	镍/nickel
电缆直径/Cable diameter	3-9.5mm
D-Sub 冷压针(5A)/D-Sub crimp contacts(5A)	
材料/Material	
表面处理/Surface	镀金/Hard-gold plated
接触电阻/Contact resistance	$\leq 3m\Omega$
冷压连接/Crimp terminal	
-mm ²	0.09-0.52mm ²
-AWG	28-20
D/E型针/contacts(10A/16A)	
材料/Material	
表面处理/Surface	镀金/Hard-gold plated
接触电阻/Contact resistance	$\leq 3m\Omega$
冷压连接/Crimp terminal	
-mm ²	0.14-2.5mm ²
-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 巨PROFIBUS when diagonally wiring of the date pairs.

Q-Coax 插体使用说明/Q-Coax 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 untilthey 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 QuintaxModule as usual.

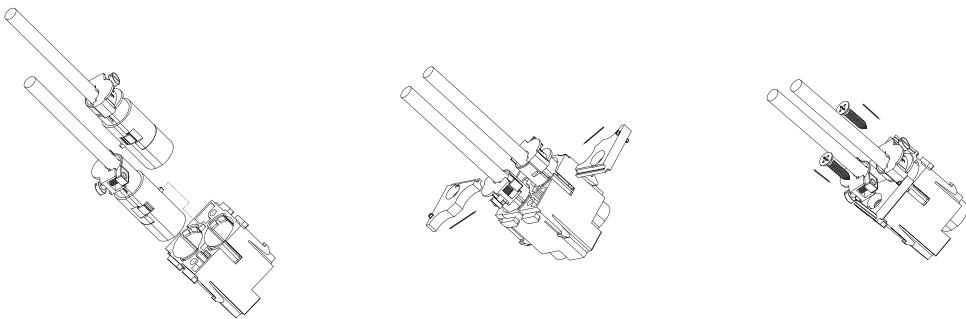


H3A- 001-M/F安装说明

- 第一步:将电缆导线穿过H3A外壳并装好Coax插芯(依. 上图示装配式)以及2pin D型冷压针。如图1。
- 第二步:将Coax 插芯外壳上的“三角定位建” 对准H3A-001-M/F 插体上的“三角定位槽”，依此导向装入，如图2.听到“咔哒”-声，即装配到位，也就是卡勾卡住Coax的台阶面。
- 第三步:将2pin D型针依孔位顺序， 装入H3A-001-M/F 插芯。
- 第四步:将H3A- 001-M/F的接地螺丝退出，并将H3A- -001-M/F插芯装入H3A外壳，接地孔对位。最终锁上接地螺丝，安装完成。456

Installation instruction of H3A-001-M/F

- Step 1: cable conductor will pass through H3A housing and Coax mortise (assembly type shown in the above figure) and 2pin D-type cold pressing pin will be installed. Refer to figure 1
- Step 2: “triangulation positioning key” on the housing of Coax mortise is directed at “ triangulation positioning slot” on the H3A-001 -M/F plug for installation,which is shown in the figure 2. In addition, assembly is completed if “click” is heard. Namely, step surface of Coax has been stuck by the card hook.
- Step 3: 2 pin D-type pin will be installed in H3A-001 -M/F mortise as per sequence of hole site.
- Step 4: grounding screw of H3A-001 -M/F will be removed.
- Step 5: In addition, H3A-001 -M/F mortise will be installed in H3A housing, aiming at grounding hole.
- Step 6: At last, grounding screw will be locked and installation is completed.



H2M -002-M/F安装说明

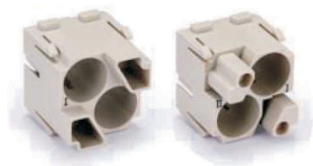
- 第一步:将已装好Coax的芯子装入H2M-002 -M/F的插体内。装入过程中， 须将Coax插芯外壳上的“三角定位建” 对准H2M-002 -M/F插体上的“定位槽”，依此导向装入.听到“咔哒”-声，即装配到位，也就是卡勾卡住Coax的台阶面。
- 第二步:将适配器APT-H2MQ一对， 依箭头方向， 横装入H2M-002-M/F与Coax芯子的固定台阶面。如图2
- 第三步:将适配器固定螺丝锁上， 至此H2M-002- -M/F模块的安装完成。
- 第四步:将安装好的H2M-002-M/F模块安装于模块框架上。

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 shielding module

冷压连接/Crimp terminal



插芯/inserts	型号/Type
公/Male	SO-H2M-002-M
母/Female	SO-H2M-002-F

Q-Coax金属适配器/Q-Coax metal adapter



型号/Type
SO-APT-H2MQ

冷压连接/Crimp terminal



插芯/inserts	型号/Type
公/Male	SO-H3A-001-M
母/Female	SO-H3A-001-F

Q-Coax 1针/1+ shielding

10A 冷压针需要另外订购
10A Order crimp contacts separately
电缆直径/Cable diameter: 3-9.5mm



插芯/inserts	型号/Type
公/Male	SO-EMC-001-MC
母/Female	SO-EMC-001-FC

Q-Coax 4针/4+ shielding

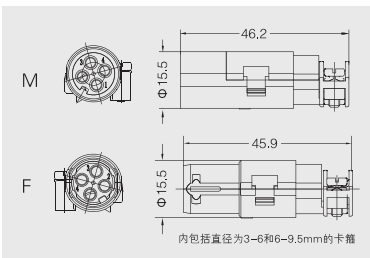
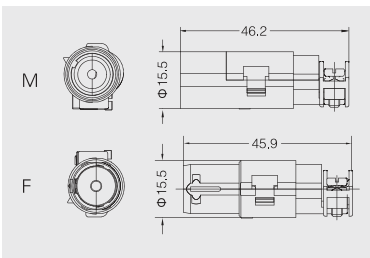
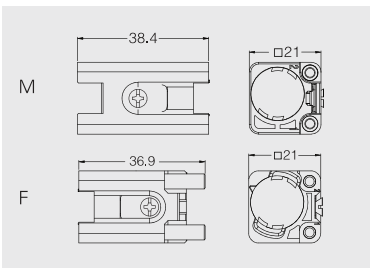
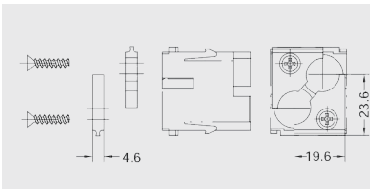
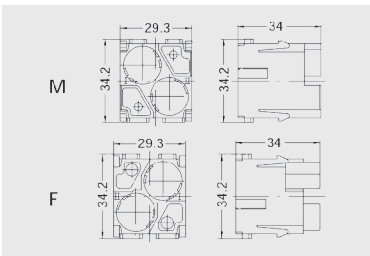
10A 冷压针需要另外订购
10A Order crimp contacts separately
电缆直径/Cable diameter: 3-9.5mm



插芯/inserts	型号/Type
公/Male	SO-EMC-004-MC
母/Female	SO-EMC-004-FC



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.



Q-Coax
电磁屏蔽模块
Electromagnetic shielding module

Q-Coax 8针/8+shielding

5A 冷压针需要另外订购
5A Order crimp contacts separately
电缆直径/Cable diameter: 0.64-1.35mm



插芯/inserts	型号/Type
公/Male	SO-EMC-008-MC
母/Female	SO-EMC-008-FC

冷压针 Crimp contacts

5A 冷压针/5A Crimp contacts

接触电阻≤3mΩ
Contact resistance≤31mΩ
镀金/Gold plated



10A 冷压针/10A Crimp contacts

接触电阻≤3mΩ
Contact resistance≤3mΩ
镀金/Gold plated



16A 冷压针/16A Crimp contacts

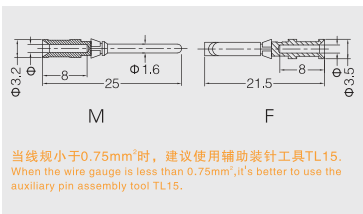
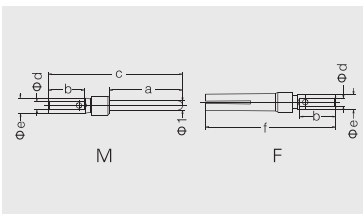
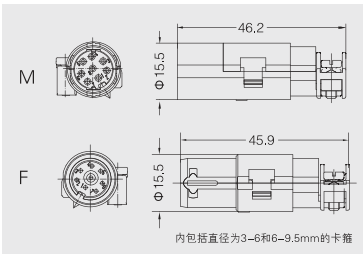
接触电阻≤1mΩ
Contact resistance≤1mΩ
镀金/Gold plated



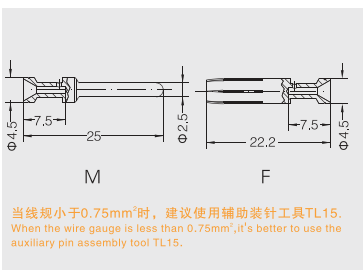
线规/Wire gauge(mm²)	公/Male	母/Female
0.09-0.25	CSGM-0.25	CSGF-0.25
0.13-0.33	CSGM-0.33	CSGF-0.33
0.33-0.52	CSGM-0.52	CSGF-0.52
0.33-0.82	CSGM-0.82	CSGF-0.82

线规/Wire gauge(mm²)	公/Male	母/Female
0.14-0.37	CDGM-0.37	CDGF-0.37
0.5	CDGM-0.50	CDGF-0.50
0.75	CDGM-0.75	CDGF-0.75
1	CDGM-1.0	CDGF-1.0
1.5	CDGM-1.5	CDGF-1.5
2.5	CDGM-2.5	CDGF-2.5

线规/Wire gauge(mm²)	公/Male	母/Female
0.14-0.37	CEGM-0.37	CEGF-0.37
0.5	CEGM-0.50	CEGF-0.50
0.75	CEGM-0.75	CEGF-0.75
1	CEGM-1.0	CEGF-1.0
1.5	CEGM-1.5	CEGF-1.5
2.5	CEGM-2.5	CEGF-2.5
3	CEGM-3.0	CEGF-3.0
4	CEGM-4.0	CEGF-4.0



当线规小于0.75mm²时，建议使用辅助装针工具TL15。
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.



当线规小于0.75mm²时，建议使用辅助装针工具TL15。
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

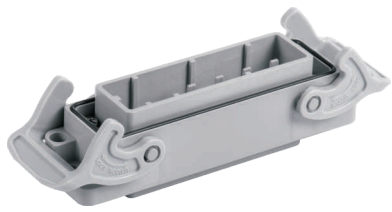
HKS

智能连接器技术特性
Intelligent Connector Technical characteristics

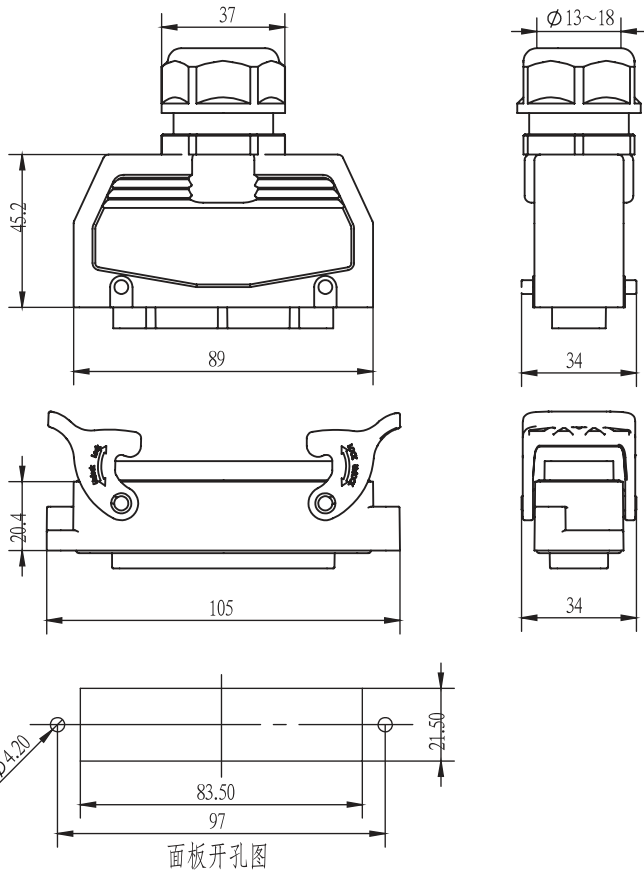
产品型号 Type of products	尺寸图 Drawing(Dimensions in mm)	技术参数 Technical parameters
-----------------------	-------------------------------	---------------------------



HKS-008/8-FC



HKS-008/8-MC



技术参数/Technical characteristics

壳体/Hood	插芯/Inserts(DIN EN 61984)	插针/Contacts
01.材料/Material: 聚碳酸酯/polycarbonate	01.材料/Material: 聚碳酸酯/polycarbonate	01.材料/Material: 铜合金表面接触/copper alloy
02.颜色/Colour: Pantone Warm Gray 5C	02.颜色/Colour: Pantone Warm Gray 5C	02.表面处理/Surface: 镀银/Silver plated
03.温度范围/Limiting temperatures: -40℃~+125℃	03.插针数/Contacts: 8+8(防开路)	03.接触电阻/Contact resistance: ≤3 ¹⁰ mΩ
04.防护等级/Degree of protection acc: IP65 (EN60529)	04.温度范围/Limiting temperatures: -40℃~+125℃	04.接线方式/Terminal: 螺钉screw/冷压连接crimp terminal
05.出线方式/Entry: 顶部出线/Top entry	05.额定电流/Rated current: 10A	05.线径范围/Wire gauge: 螺钉/Screw terminal: 0.75~2.5mm2 冷压/Crimp terminal: 0.37~2.5mm2
06.出线孔数/Cable entry: 1* M25 (Φ13~18)	06.额定电压/Rated voltage: 250V	
07.联锁元件/Locking lever: 塑料双扣/double locking lever	07.脉冲电压/Rated impulse voltage: 4KV	
08.密封元件/Material (seal): NBR	08.可插拔次数/Mating cycles: ≥500	
	09.绝缘电阻/Insulation resistance: ≥10 ¹⁰ Ω	

外壳特性
Hood & Housing Feature

3A 塑料外壳Size 3A Plastic Hoods & Housings IP65	
材料/Material	聚碳酸酯/polycarbonate
颜色/Colour	灰白/light grey(RAL 7032)
联锁元件/Locking element	
-联锁方式/-Lever type	塑料弹性压合/plastic elastic pressing
-材料/-Material	聚酰胺/polyamide
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
防护等级 (联锁状态,EN60529)	IP65
Degree of protection acc.to DIN EN 60 529 for coupled connector	

3A 金属外壳/ Size 3A Metal Hoods & Housings IP65	
材料/Material	铸锌/zinc die-cast
颜色/Colour	灰色/grey
联锁元件/Locking element	
-联锁方式/-Lever type	金属弹性压合/metal elastic pressing
-材料/-Material	(铁)镀锌/不锈钢/metal elastic pressing metal galvanized
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
防护等级 (联锁状态,EN60529)	IP65
Degree of protection acc.to DIN EN 60 529 for coupled connector	

3A 高防护外壳/ 3A Pressure tight Hoods & Housings IP68/IP69k	
表面处理/Surface	喷涂/Epoxy powder coating
材料/Material	铸锌/zinc die-cast
颜色/Colour	黑色/灰色/black or grey
联锁元件/Locking element	
-联锁方式/-Lever type	螺栓连接/screw locking
-材料/-Material	不锈钢/stainless steel
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
防护等级 (联锁状态,EN60529)	IP68/IP69K
Degree of protection acc.to DIN EN60 529 for coupled connector	

EMC电磁兼容外壳/EMC Electromagnetic Compatibility Hoods & Housings	
材料/Material	铸锌(3A外壳)/铸铝(B型外壳)/zinc die-cast(3A)
颜色/Colour	aluminium die-cast(Type B)
联锁元件/Locking element	
-联锁方式/-Lever type	金属弹性压合/螺栓连接/metal elastic pressing/screw locking
-材料/-Material	see15-02
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
H 系列 防护等级 (联锁状态,EN60529)	IP65
W系列 防护等级 (联锁状态,EN60529)	IP67
Degree of protection acc.to DIN EN 60 529 for coupled connector	

HC金属外壳 IP65/HC Metal Hoods & Housings IP65	
表面处理/Surface	喷涂/镀镍/Epoxy powder coating/nickeling
材料/Material	铸锌/zinc die-cast
颜色/Colour	黑色/亚光镍/black/brushed nickel
联锁元件/Locking element	
-联锁方式/-Lever type	金属弹性压合/metal elastic pressing
-材料/-Material	不锈钢/stainless steel
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
防护等级 (联锁状态,EN60529)	IP65
Degree of protection acc.to DIN EN60 529 for coupled connector	

塑料外壳/Plastic Hoods & Housings IP65	
材料/Material	聚酰胺/polyamide
颜色/Colour	RAL 9005(黑色)/RAL 9005 (black)
联锁元件/Locking element	
-联锁方式/-Lever type	塑料弹性压合/plastic elastic pressing
-材料/-Material	聚酰胺/polyamide
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
防护等级 (联锁状态,EN60529)	IP65

金属外壳 / Metal Hoods & Housings	
材料/Material	铸铝/aluminium die-cast
颜色/Colour	灰色/grey
联锁元件/Locking element	
-联锁方式/-Lever type	金属弹性压合metal elastic pressing
-材料/-Material	见P70
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
H 系列 防护等级 (联锁状态,EN60529)	IP65
W系列 防护等级 (联锁状态,EN60529)	IP67
Degree of protection acc.to DIN EN 60 529 for coupled connector	
耐腐蚀(高环境)/Hoods/Housings for higher environmental requirements	

材料/Material	铸锌合金(3A)/铸铝合金/zinc die-cast(3A), aluminium die-cast Type B
颜色/Colour	RAL 9005(黑色)/RAL 9005 (black)
表面处理/Surface-Top coat	环氧粉末涂料/epoxy powder paint
联锁元件/Locking element	
-联锁方式/-Lever type	金属弹性压合/metal elastic coating
-材料/-Material	不锈钢/stainless steel
密封元件/Hoods/Housings seal	FPM
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
H 系列 防护等级 (联锁状态,EN60529)	IP65
W系列 防护等级 (联锁状态,EN60529)	IP67
Degree of protection acc.to DIN EN 60 529 for coupled connector	
高防护外壳 IP68/IP69K/Pressure tight Hoods & Housings IP68/IP69k	

材料/Material	铸铝合金/aluminium die-cast,corrosion resistant
颜色/Colour	黑色或灰色/black or grey
联锁元件/Locking element	
-联锁方式/-Lever type	螺栓连接/screw locking
-材料/-Material	不锈钢/stainless steel
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
防护等级 (联锁状态,EN60529)	IP68/IP69K
Degree of protection acc.to DIN EN60 529 for coupled connector	

HC 塑料外壳 IP65 /HC Plastic Hoods & Housings IP65	
材料/Material	聚碳酸酯/polycarbonate
颜色/Colour	RAL 9005(黑色)/RAL 9005(black)
联锁元件/Locking element	
-联锁方式/-Lever type	塑料弹性压合/plastic elastic pressing
-材料/-Material	聚酰胺/polyamide
密封元件/Hoods/Housings seal	NBR
适用温度范围/Limiting temperatures	-40...+125℃
阻燃等级/Flammability acc.to UL94	V0
防护等级 (联锁状态,EN60529)	IP65
Degree of protection acc.to DIN EN60 529 for coupled connector	

可供选择的扣子/Locking levers

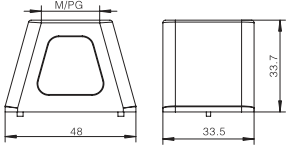
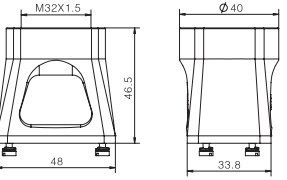
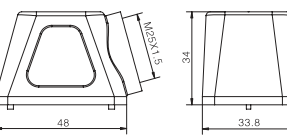
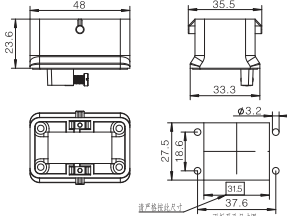
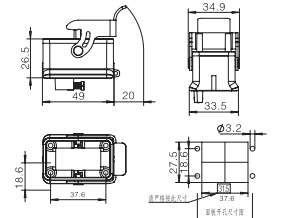
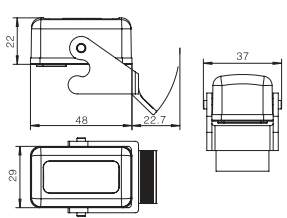
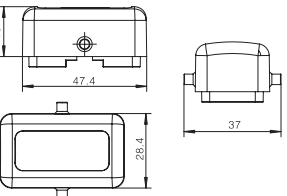
识别/Identification	主要材质/Material	描述/Description	型号举例/Model example
 L/P	高强度尼龙塑料 High-strength nylon plastic	可拆卸锁扣，适用于一般工业环境 Removable lock for general industrial enviroment	SO-H24B-ST-2L/P
 L/SL	不锈钢材质+铝合金 Stainless steel+Al alloy	高强度锁扣，适用于恶劣使用环境 Hight strengh lock for harsh enviroment	SO-H24B-ST-2L/SL
 L	不锈钢材质 Stainless steel	高强度锁扣，适用于恶劣使用环境 Hight strengh lock for harsh enviroment	SO-H24B-ST-2L



HOOD & HOUSING

H1M 外壳 Hoods & Housings

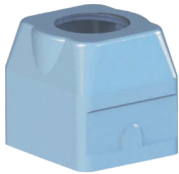
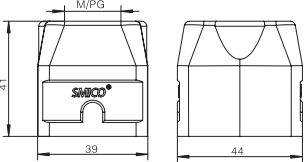
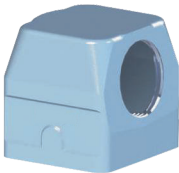
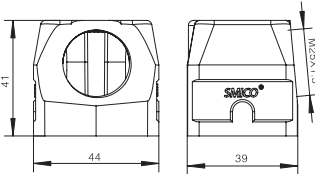
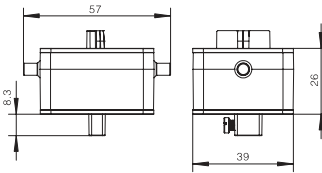
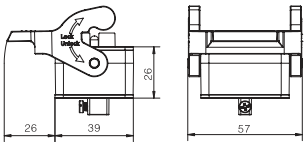
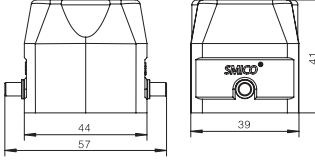
Size H1M IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25	H1M-TK-M25	
顶出线/Top entry 上壳 /Hoods 	M32	H1M-TK-M32	
顶出线/Top entry 上壳 /Hoods 	M25	H1M-SK-M25	
侧面出线/Side entry 中间壳 /Carrier Hood 	...	H1M-MST-2B	
开孔安装底座/Bulkhead mounted housing 	...	H1M-ST-1L	
塑料保护盖 /Protection covers,plastic 	...	H1M-CV-1L	
底座塑料保护盖 Protection covers(for Housings),plastic 	...	H1M-CV-2B	

H1M

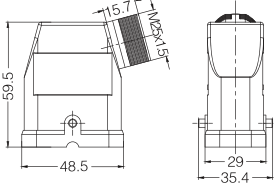
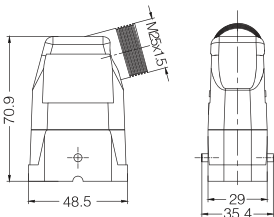
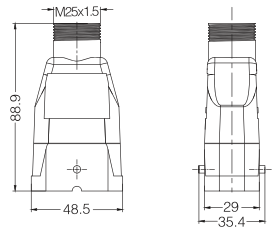
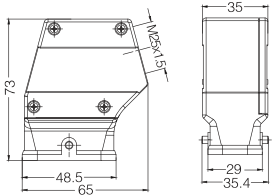
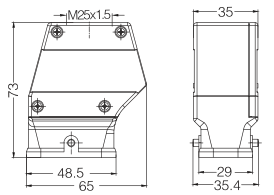
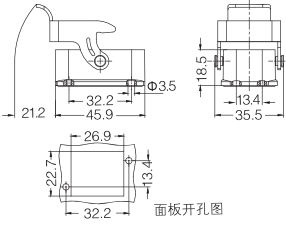
H2M 外壳 Hoods & Housings

Size H2M IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M20 M25 M32	H2M-TK-M20 H2M-TK-M25 H2M-TK-M32	
顶出线/Top entry			
上壳 /Hoods 	M25	H2M-SK-M25	
侧面出线/Side entry			
中间壳 /Carrier Hood 	...	H2M-ST-2B	
开孔安装底座/Bulkhead mounted housing 	...	H2M-ST-1L	
开孔安装底座保护罩 Cover for bulkhead mounted housing 	...	H2M-CV-2B	

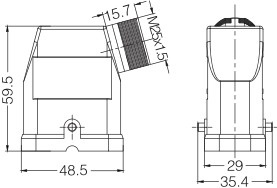
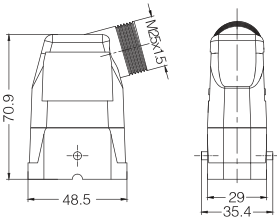
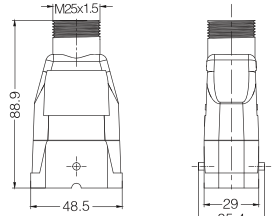
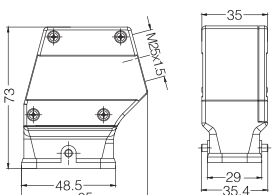
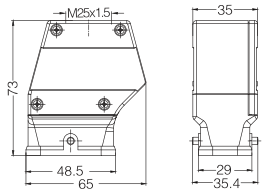
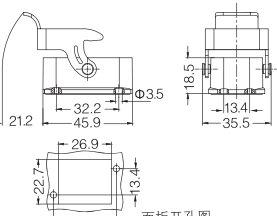
HC 外壳 Hoods & Housings

Size HC IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25	EMC.HC-SK-2B-M25	
侧面出线/Side entry			
上壳 /Hoods 	M25	EMC.HC-SKH-2B-M25	
侧面出线/Side entry 高结构/High construction			
上壳 /Hoods 	M25	EMC.HC-TKH-2B-M25	
顶出线/Top entry 高结构/High construction			
上壳 /Hoods 	M25	EMC.HC-SKHS-2B-M25	
侧面出线/Side entry 高结构/High construction			
上壳 /Hoods 	M25	EMC.HC-TKHS-2B-M25	
顶出线/Top entry 高结构/High construction			
下壳/Housings 	...	EMC.HC-ST-1L	
不封底/bulkhead mounting			

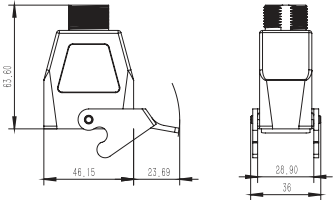
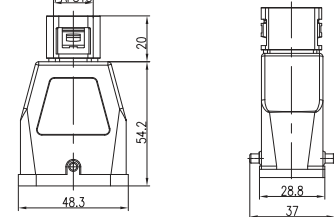
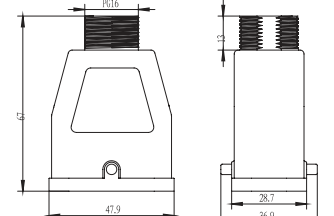
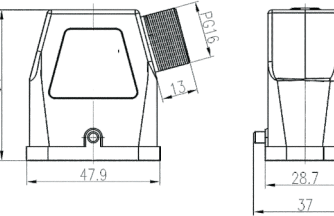
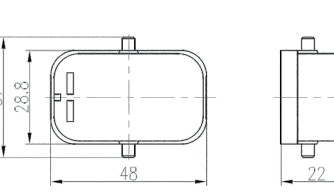
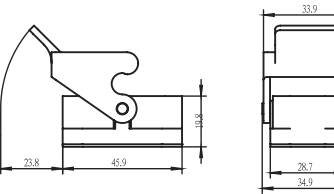
HC 外壳 Hoods & Housings

Size HC IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25	HC-SK-2B-M25	
侧面出线/Side entry 上壳 /Hoods 	M25	HC-SKH-2B-M25	
侧面出线/Side entry 高结构/High construction 上壳 /Hoods 	M25	HC-TKH-2B-M25	
顶出线/Top entry 高结构/High construction 上壳 /Hoods 	M25	HC-SKHS-2B-M25	
侧面出线/Side entry 高结构/High construction 上壳 /Hoods 	M25	HC-TKHS-2B-M25	
顶出线/Top entry 高结构/High construction 下壳/Housings 	...	HC-ST-1L	

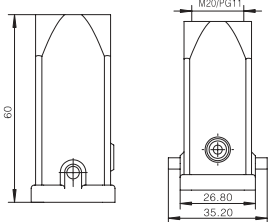
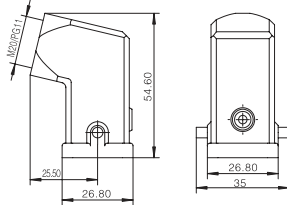
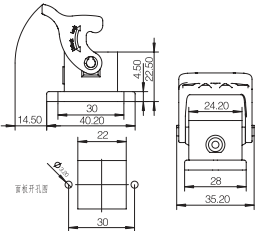
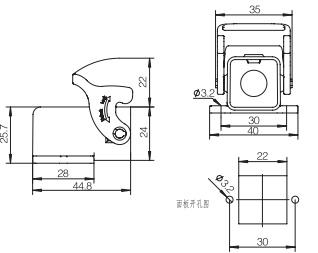
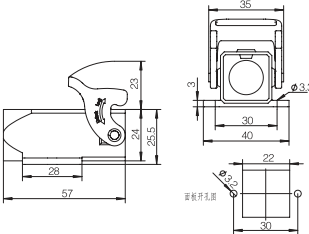
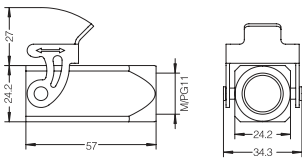
HC.P 外壳 Hoods & Housings

Size HC.P IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	PG16	HC.P-DJK-1L-PG16	
顶出线/Top entry 上壳 /Hoods 	PAFS18	HC.P-TK-2B-PAFS18	
顶出线/Top entry 高结构/High construction 上壳 /Hoods 	PG16	HC.P-TK-2B-PG16	
顶出线/Top entry 高结构/High construction 上壳 /Hoods 	PG16	HC.P-SK-2B-PG16	
侧面出线/Side entry 高结构/High construction 防护盖/Protection cover 		HC.P-CV-2B	
下壳/Housings 	...	HC.P-ST-1L	

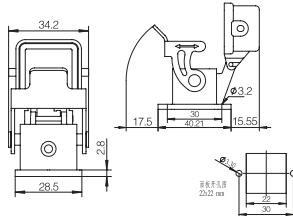
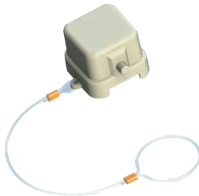
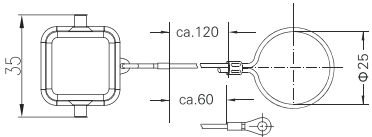
H3A.P 塑料外壳 Hoods & Housings

Size H3A.P IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M20 PG11	H3A.P-TK-2B-M20 H3A.P-TK-2B-PG11	
顶出线/Top entry			
上壳 /Hoods 	M20 PG11	H3A.P-SK-2B-M20 H3A.P-SK-2B-PG11	
侧面出线/Side entry			
下壳/Housings 	...	H3A.P-ST-1L	
不封底/bulkhead mounting			
下壳/Housings 	...	H3A.P-ST-SK-1L	
不封底/bulkhead mounting			
下壳/Housings 	M20 PG11	H3A.P-SG-1L-M20 H3A.P-SG-1L-PG11	
封底/surface mounting			
下壳/Housings 	M20 PG11	H3A.P-DJK-1L-M20 H3A.P-DJK-1L-PG11	
电缆对接/Cable to cable			

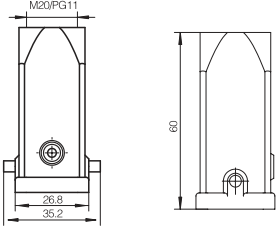
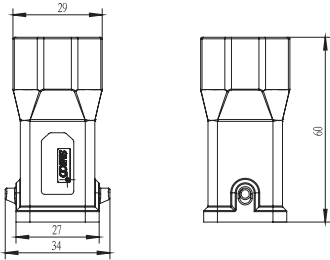
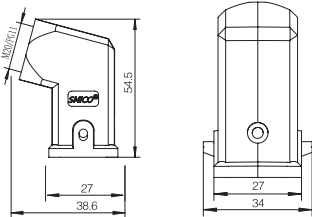
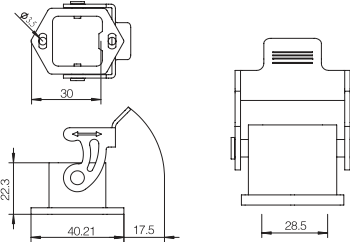
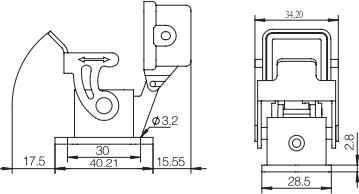
H3A.P塑料外壳 Hoods & Housings

Size H3A.P IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
防护盖/Protection cover 		H3A.P-CV-1L/1M(配公芯) H3A.P-CV-1L/1F(配母芯)	
防护盖/Protection cover 	   	H3A.P-CV-2B/1M(配公芯) H3A.P-CV-2B/2M(配公芯) H3A.P-CV-2B/1F(配母芯) H3A.P-CV-2B/2F(配母芯)	

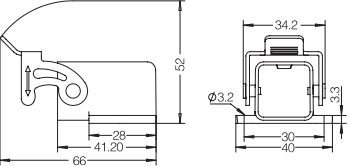
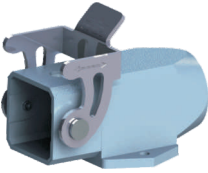
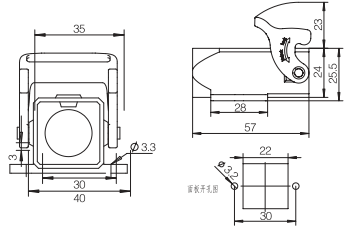
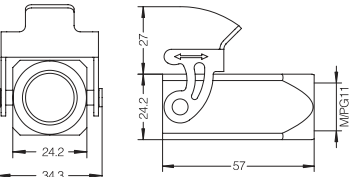
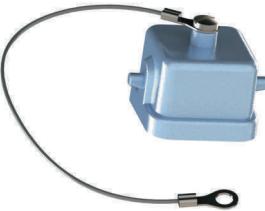
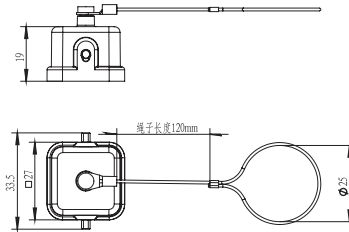
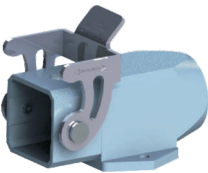
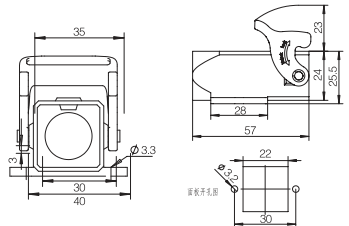
H3A 外壳 Hoods & Housings

Size H3A IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M20 PG11	H3A-TK-2B-M20 H3A-TK-2B-PG11	
顶出线/Top entry			
上壳 /Hoods 	M25	H3A-TK-2B-M25	
顶出线/Top entry			
上壳 /Hoods 	M20 PG11	H3A-SK-2B-M20 H3A-SK-2B-PG11	
侧面出线/Side entry			
下壳/Housings 	...	H3A-ST-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	带塑料盖/With plastic cover H3A-ST-CV-1L 金属盖/With metal cover H3A-ST-MCV-1L	
开孔安装/Bulkhead mounting			

H3A 外壳 Hoods & Housings

Size H3A.P IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H3A-ST-SK-1L	
开孔安装/Bulkhead mounting			
	M20 PG11	H3A-SG-1L-M20 H3A-SG-1L-PG11	
表面安装/Surface mounting			
下壳/Housings 	M20 PG11	H3A-DJK-1L-M20 H3A-DJK-1L-PG11	
电缆对接/Cable to cable			
防护盖/Protection cover 	...	H3A-MCV-2B/2M H3A-MCV-2B/2F	
下壳/Housings 	M20 PG11	H3A-SG-ST-1L-M20 H3A-SG-ST-1L-PG11	
开孔安装/Bulkhead mounting 表面安装/Surface mounting			

Size HP3A/H IP68

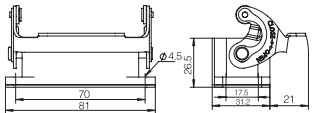
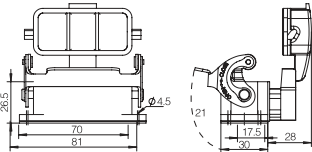
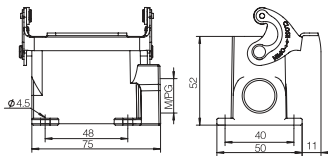
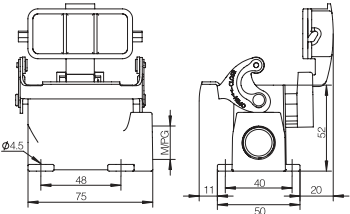
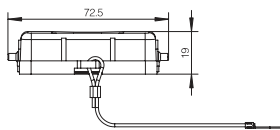
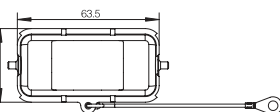
H-A

Size H10A IP65

H-A

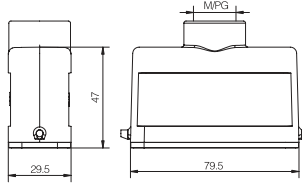
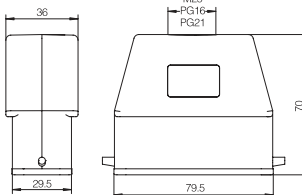
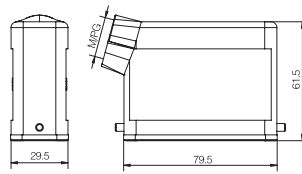
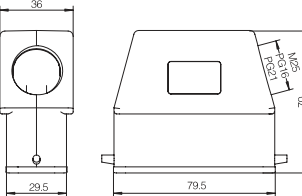
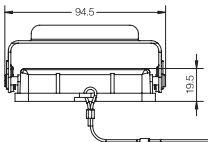
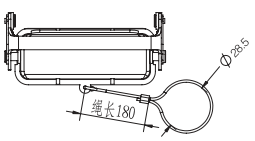
H10A 外壳 Hoods & Housings

Size H10A IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H10A-ST-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H10A-ST-CV-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	M20 M25 2M20 PG16 2PG16 PG21	H10A-SG-1L-M20 H10A-SG-1L-M25 H10A-SG-1L-2M20 H10A-SG-1L-PG16 H10A-SG-1L-2PG16 H10A-SG-1L-PG21	
表面安装/Surface mounting			
下壳/Housings 	M20 M25 2M20 PG16 2PG16 PG21	H10A-SG-CV-1L-M20 H10A-SG-CV-1L-M25 H10A-SG-CV-1L-2M20 H10A-SG-CV-1L-PG16 H10A-SG-CV-1L-2PG16 H10A-SG-CV-1L-PG21	
表面安装/Surface mounting			
防护盖/Protection cover 	 	塑料盖/Plastic cover H10A-CV-1S H10A-CV-2S 金属盖/Metal cover H10A-MCV-1S H10A-MCV-2S	 
防护盖/Protection cover			

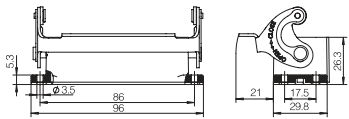
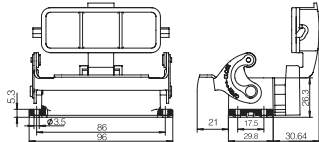
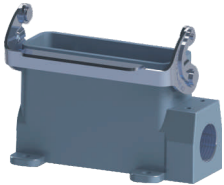
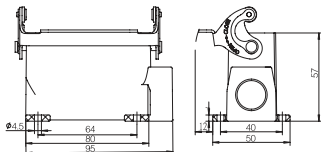
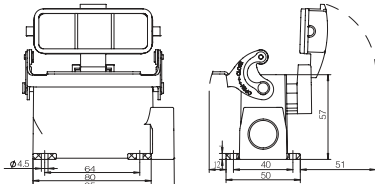
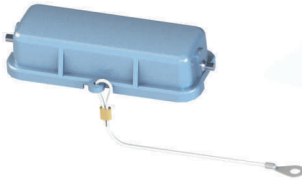
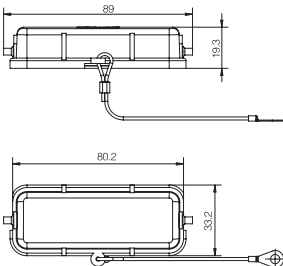
H16A 外壳 Hoods & Housings

Size H16A IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M20 PG16	H16A-TK-2B-M20 H16A-TK-2B-PG16	
顶出线/Top entry			
上壳 /Hoods 	M25 PG16 PG21	H16A-TKH-2B-M25 H16A-TKH-2B-PG16 H16A-TKH-2B-PG21	
顶出线/Top entry 高结构/High construction			
上壳 /Hoods 	M20 PG16	H16A-SK-2B-M20 H16A-SK-2B-PG16	
侧面出线/Side entry			
上壳 /Hoods 	M25 PG16 PG21	H16A-SKH-2B-M25 H16A-SKH-2B-PG16 H16A-SKH-2B-PG21	
侧面出线/Side entry 高结构/High construction			
防护盖/Protection cover 	 	塑料盖/Plastic cover H16A-CV-1L/1 H16A-CV-1L/2 金属盖/Metal cover H16A-MCV-1L/1 H16A-MCV-1L/2	 
防护盖/Protection cover			

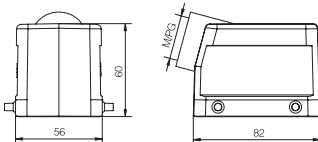
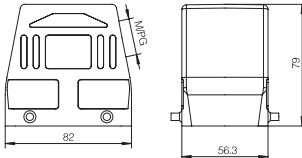
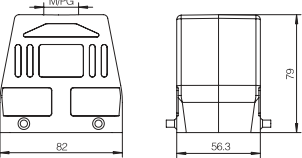
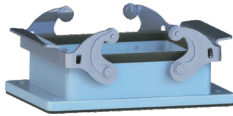
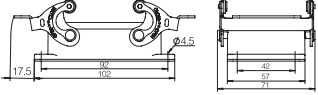
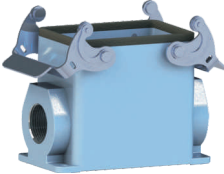
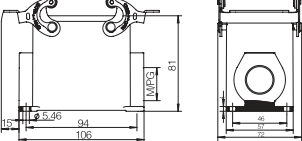
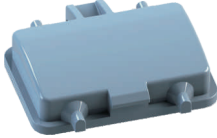
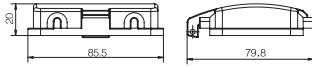
H16A 外壳 Hoods & Housings

Size H16A IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H16A-ST-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H16A-ST-CV-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	M20 2M20 M25 2M25 PG16 2PG16 PG21	H16A-SG-1L-M20 H16A-SG-1L-2M20 H16A-SG-1L-M25 H16A-SG-1L-2M25 H16A-SG-1L-PG16 H16A-SG-1L-2PG16 H16A-SG-1L-PG21	
表面安装/Surface mounting			
下壳/Housings 	M20 2M20 M25 2M25 PG16 2PG16 PG21	H16A-SG-CV-1L-M20 H16A-SG-CV-1L-2M20 H16A-SG-CV-1L-M25 H16A-SG-CV-1L-2M25 H16A-SG-CV-1L-PG16 H16A-SG-CV-1L-2PG16 H16A-SG-CV-1L-PG21	
表面安装/Surface mounting			
防护盖/Protection cover 	 	塑料盖/Plastic cover H16A-CV-1S H16A-CV-2S 金属盖/Metal cover H16A-MCV-1S H16A-MCV-2S	

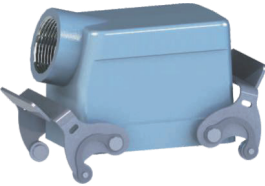
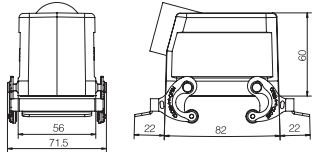
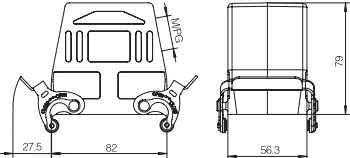
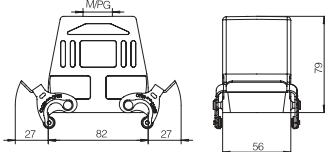
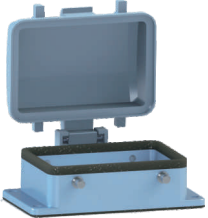
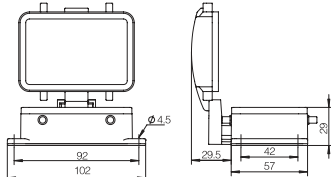
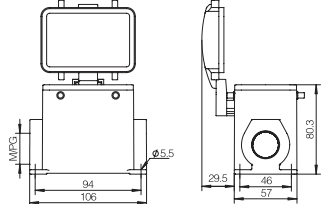
H32A 外壳 Hoods & Housings

Size H32A IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M25 PG21	H32A-SK-4B-M25 H32A-SK-4B-PG21	
侧面出线/Side entry			
上壳/Hoods 	M25 M32 PG21 PG29	H32A-SKH-4B-M25 H32A-SKH-4B-M32 H32A-SKH-4B-PG21 H32A-SKH-4B-PG29	
侧面出线/Side entry 高结构/High construction			
上壳/Hoods 	M25 M32 PG21 PG29	H32A-TKH-4B-M25 H32A-TKH-4B-M32 H32A-TKH-4B-PG21 H32A-TKH-4B-PG29	
顶出线/Top entry 高结构/High construction			
下壳/Housings 	...	H32A-ST-2L	
开孔安装/Bulkhead mounting			
下壳/Housings 	M25 M32 2M32 PG21 2PG21 PG29 2PG29	H32A-SG-2L-M25 H32A-SG-2L-M32 H32A-SG-2L-2M32 H32A-SG-2L-PG21 H32A-SG-2L-2PG21 H32A-SG-2L-PG29 H32A-SG-2L-2PG29	
表面安装/Surface mounting			
防尘保护盖/Dust protection cover 	...	H32A-CV-4B	

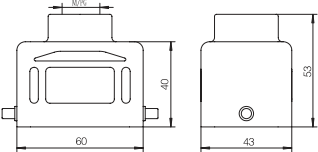
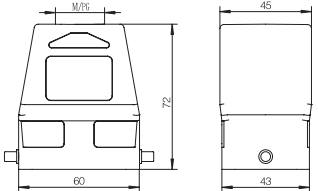
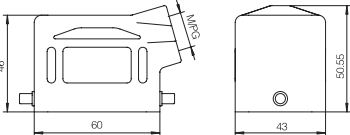
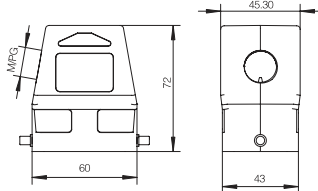
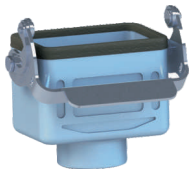
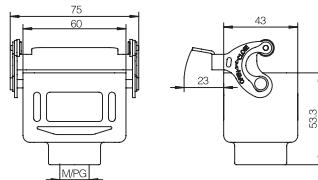
H32A 外壳 Hoods & Housings

Size H32A IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25 PG21	H32A-SK-2L-M25 H32A-SK-2L-PG21	
侧面出线/Side entry			
上壳 /Hoods 	M25 M32 PG21 PG29	H32A-SKH-2L-M25 H32A-SKH-2L-M32 H32A-SKH-2L-PG21 H32A-SKH-2L-PG29	
侧面出线/Side entry 高结构/High construction			
上壳 /Hoods 	M25 M32 PG21 PG29	H32A-TKH-2L-M25 H32A-TKH-2L-M32 H32A-TKH-2L-PG21 H32A-TKH-2L-PG29	
顶出线/Top entry 高结构/High construction			
下壳/Housings 	...	H32A-ST-4B-CV	
开孔安装/Bulkhead mounting			
下壳/Housings 	M25 M32 2M32 PG21 2PG21 PG29 2PG29	H32A-SG-4B-CV-M25 H32A-SG-4B-CV-M32 H32A-SG-4B-CV-2M32 H32A-SG-4B-CV-PG21 H32A-SG-4B-CV-2PG21 H32A-SG-4B-CV-PG29 H32A-SG-4B-CV-2PG29	
表面安装/Surface mounting			

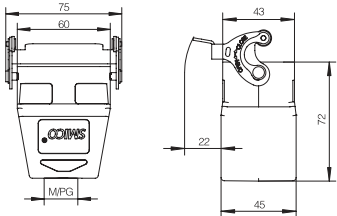
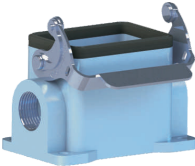
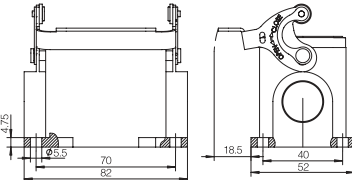
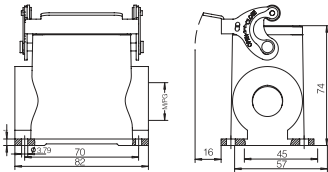
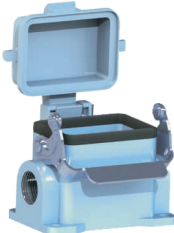
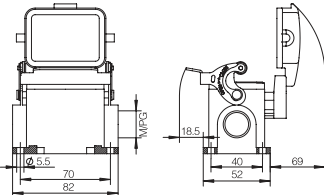
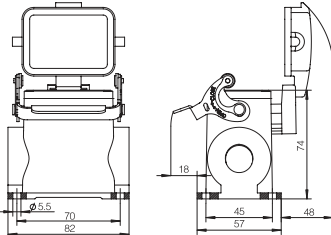
H6B 外壳 Hoods & Housings

Size H6B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M20 PG13.5 PG16	H6B-TK-2B-M20 H6B-TK-2B-PG13.5 H6B-TK-2B-PG16	
顶出线/Top entry			
上壳 /Hoods 	M25 M32 PG21	H6B-TKH-2B-M25 H6B-TKH-2B-M32 H6B-TKH-2B-PG21	
顶出线/Top entry 高结构/High construction			
上壳 /Hoods 	M20 PG13.5 PG16	H6B-SK-2B-M20 H6B-SK-2B-PG13.5 H6B-SK-2B-PG16	
侧面出线/Side entry			
上壳 /Hoods 	M25 M32 PG21	H6B-SKH-2B-M25 H6B-SKH-2B-M32 H6B-SKH-2B-PG21	
侧面出线/Side entry 高结构/High construction			
下壳/Housings 	M20 PG13.5 PG16	H6B-DJK-1L-M20 H6B-DJK-1L-PG13.5 H6B-DJK-1L-PG16	
电缆对接/Cable to cable			

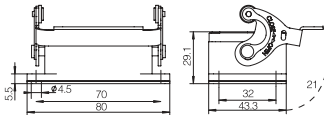
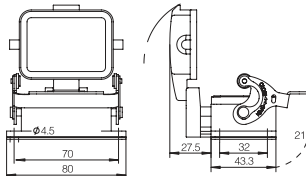
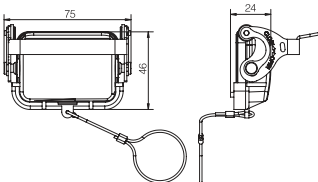
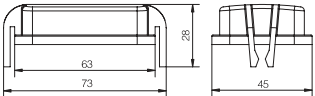
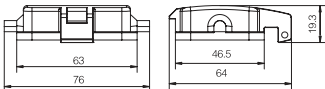
H6B 下壳 Housings

Size H6B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings  电缆对接/Cable to cable 高结构/High construction	M25 M32 PG21	H6B-DJKH-1L-M25 H6B-DJKH-1L-M32 H6B-DJKH-1L-PG21	
下壳/Housings  表面安装/Surface mounting	M20 2M20 M25 2M25 PG16 2PG16	H6B-SG-1L-M20 H6B-SG-1L-2M20 H6B-SG-1L-M25 H6B-SG-1L-2M25 H6B-SG-1L-PG16 H6B-SG-1L-2PG16	
下壳/Housings  表面安装/Surface mounting 高结构/High construction	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	H6B-SGH-1L-M25 H6B-SGH-1L-2M25 H6B-SGH-1L-M32 H6B-SGH-1L-2M32 H6B-SGH-1L-PG21 H6B-SGH-1L-2PG21 H6B-SGH-1L-PG29 H6B-SGH-1L-2PG29 H6B-SGH-1L-PG29 H6B-SGH-1L-2PG29	
下壳/Housings  表面安装/Surface mounting	M20 2M20 M25 2M25 PG16 2PG16	H6B-SG-CV-1L-M20 H6B-SG-CV-1L-2M20 H6B-SG-CV-1L-M25 H6B-SG-CV-1L-2M25 H6B-SG-CV-1L-PG16 H6B-SG-CV-1L-2PG16	
下壳/Housings  表面安装/Surface mounting 高结构/High construction	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	H6B-SGH-CV-1L-M25 H6B-SGH-CV-1L-2M25 H6B-SGH-CV-1L-M32 H6B-SGH-CV-1L-2M32 H6B-SGH-CV-1L-PG21 H6B-SGH-CV-1L-2PG21 H6B-SGH-CV-1L-PG29 H6B-SGH-CV-1L-2PG29 H6B-SGH-CV-1L-PG29 H6B-SGH-CV-1L-2PG29	

H6B 外壳 Hoods & Housings

Size H6B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings  开孔安装/Bulkhead mounting	...	H6B-ST-1L	
下壳/Housings  开孔安装/Bulkhead mounting	...	H6B-ST-CV-1L	
防护盖/Protection cover  防护盖/Protection cover	...	塑料盖/Plastic cover H6B-CV-1L 金属盖/Metal cover H6B-MCV-1L	
防护盖/Protection cover  防护盖/Protection cover	...	H6B-CV-2C	
防护盖/Protection cover  防护盖/Protection cover	...	塑料盖/Plastic cover H6B-CV-2B 金属盖/Metal cover H6B-MCV-2B	

H6B 下壳 Housings

Size H6B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods	M25 M32 PG21	H6B-SKH-1L/C-M25 H6B-SKH-1L/C-M32 H6B-SKH-1L/C-PG21	
侧出线/Side entry			
下壳/Housings	...	H6B-ST-2B/C	
开孔安装/Bulkhead mounting			

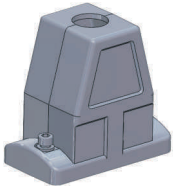
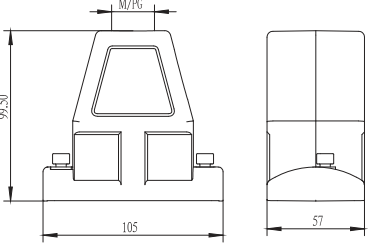
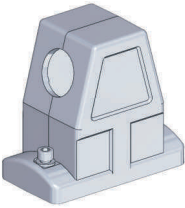
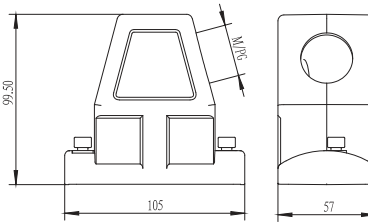
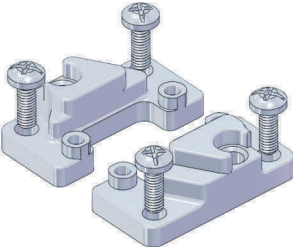
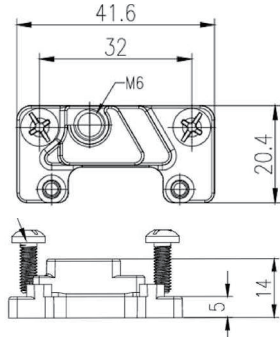
HP6B/H 外壳 Hoods & Housings

Size HP6B/H IP68

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods	PG16 PG21 PG29 M20 M25 M32	HP6B/H-TKH-2S-PG16 HP6B/H-TKH-2S-PG21 HP6B/H-TKH-2S-PG29 HP6B/H-TKH-2S-M20 HP6B/H-TKH-2S-M25 HP6B/H-TKH-2S-M32	
顶出线/Top entry			
上壳/Hoods	PG16 PG21 PG29 M20 M25 M32	HP6B/H-SKH-2S-PG16 HP6B/H-SKH-2S-PG21 HP6B/H-SKH-2S-PG29 HP6B/H-SKH-2S-M20 HP6B/H-SKH-2S-M25 HP6B/H-SKH-2S-M32	
侧出线/Side entry			
下壳/Housings	...	HP6B/H-ST-2H	
开孔安装/Bulkhead mounting			
下壳/Housings	...	HP6B/H-ST-MCV-2H	
开孔安装/Bulkhead mounting			
防护盖/Protection cover	...	HP6B/H-MCV-2S	

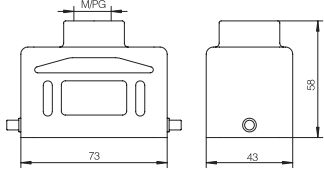
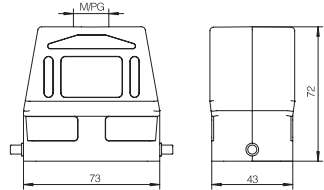
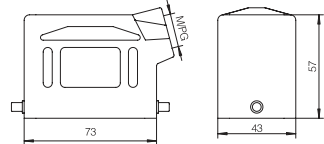
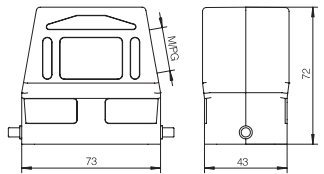
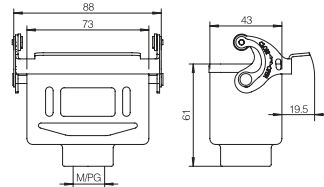
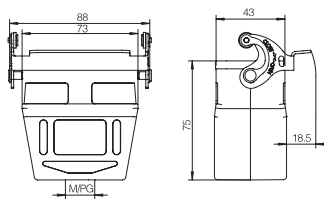
HC6B 外壳 Hoods & Housings

Size HC6B IP68/IP69K

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M20 M25 PG16 PG21	HC6B-TKH-2S-M20 HC6B-TKH-2S-M25 HC6B-TKH-2S-PG16 HC6B-TKH-2S-PG21	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M20 M25 PG16 PG21	HC6B-SKH-2S-M20 HC6B-SKH-2S-M25 HC6B-SKH-2S-PG16 HC6B-SKH-2S-PG21	
侧出线/Side entry 高结构/High construction			
	...	APT-C	
芯体安装支块/Mounting flange			

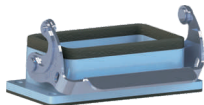
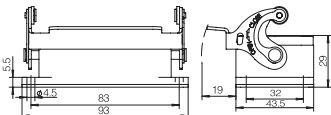
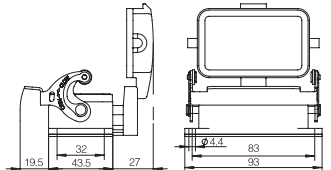
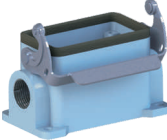
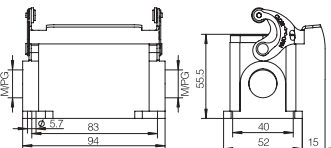
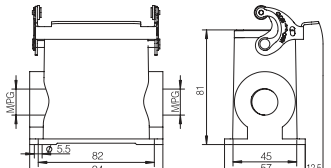
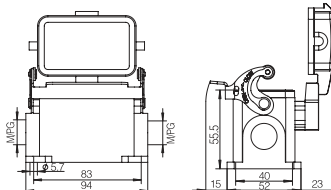
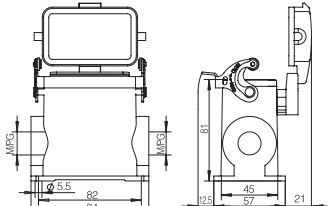
H10B 外壳 Hoods & Housings

Size H10B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M20 PG16	H10B-TK-2B-M20 H10B-TK-2B-PG16	
顶出线/Top entry			
上壳/Hoods 	M25 M32 PG21 PG29	H10B-TKH-2B-M25 H10B-TKH-2B-M32 H10B-TKH-2B-PG21 H10B-TKH-2B-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M20 PG16	H10B-SK-2B-M20 H10B-SK-2B-PG16	
侧面出线/Side entry			
上壳/Hoods 	M25 M32 PG21 PG29	H10B-SKH-2B-M25 H10B-SKH-2B-M32 H10B-SKH-2B-PG21 H10B-SKH-2B-PG29	
侧面出线/Side entry 高结构/High construction			
下壳/Housings 	M20 PG16	H10B-DJK-1L-M20 H10B-DJK-1L-PG16	
电缆对接/Cable to cable			
下壳/Housings 	M32 M40 PG21 PG29	H10B-DJKH-1L-M25 H10B-DJKH-1L-M32 H10B-DJKH-1L-PG21 H10B-DJKH-1L-PG29	
电缆对接/Cable to cable 高结构/High construction			

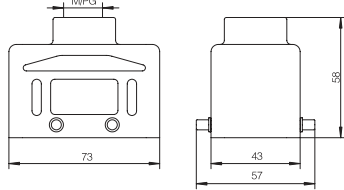
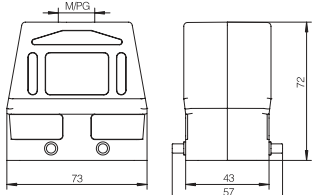
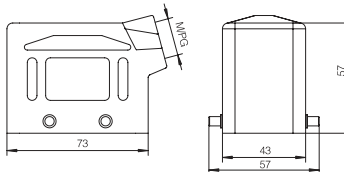
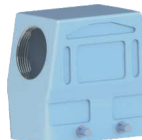
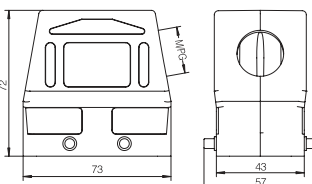
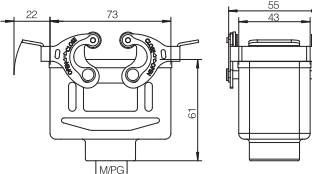
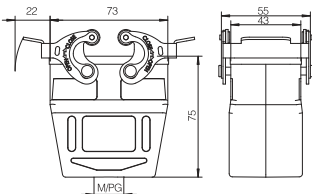
H10B 下壳 Housings

Size H10B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H10B-ST-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H10B-ST-CV-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	M20 2M20 M25 2M25 PG16 2PG16	H10B-SG-1L-M20 H10B-SG-1L-2M20 H10B-SG-1L-M25 H10B-SG-1L-2M25 H10B-SG-1L-PG16 H10B-SG-1L-2PG16	
表面安装/Surface mounting			
下壳/Housings 	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	H10B-SGH-1L-M25 H10B-SGH-1L-2M25 H10B-SGH-1L-M32 H10B-SGH-1L-2M32 H10B-SGH-1L-PG21 H10B-SGH-1L-2PG21 H10B-SGH-1L-PG29 H10B-SGH-1L-2PG29	
表面安装/Surface mounting 高结构/High construction			
下壳/Housings 	M20 2M20 M25 2M25 PG16 2PG16	H10B-SG-CV-1L-M20 H10B-SG-CV-1L-2M20 H10B-SG-CV-1L-M25 H10B-SG-CV-1L-2M25 H10B-SG-CV-1L-PG16 H10B-SG-CV-1L-2PG16	
表面安装/Surface mounting			
下壳/Housings 	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	H10B-SGH-CV-1L-M25 H10B-SGH-CV-1L-2M25 H10B-SGH-CV-1L-M32 H10B-SGH-CV-1L-2M32 H10B-SGH-CV-1L-PG21 H10B-SGH-CV-1L-2PG21 H10B-SGH-CV-1L-PG29 H10B-SGH-CV-1L-2PG29	
表面安装/Surface mounting 高结构/High construction			

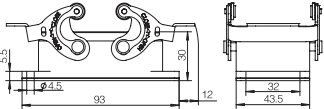
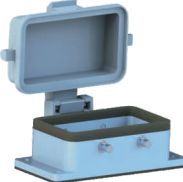
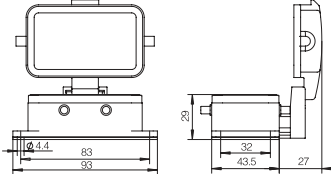
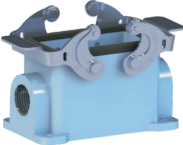
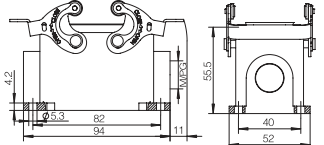
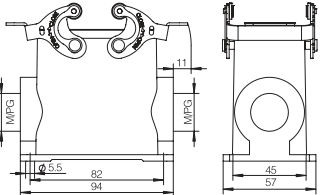
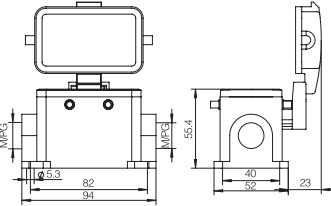
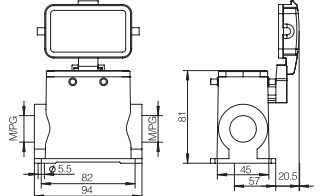
H10B 外壳 Hoods & Housings

Size H10B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M20 PG16	H10B-TK-4B-M20 H10B-TK-4B-PG16	
顶出线/Top entry			
上壳/Hoods 	M25 M32 PG21 PG29	H10B-TKH-4B-M25 H10B-TKH-4B-M32 H10B-TKH-4B-PG21 H10B-TKH-4B-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M20 PG16	H10B-SK-4B-M20 H10B-SK-4B-PG16	
侧面出线/Side entry			
上壳/Hoods 	M25 M32 PG21 PG29	H10B-SKH-4B-M25 H10B-SKH-4B-M32 H10B-SKH-4B-PG21 H10B-SKH-4B-PG29	
侧面出线/Side entry 高结构/High construction			
下壳/Housings 	M20 PG16	H10B-DJK-2L-M20 H10B-DJK-2L-PG16	
电缆对接/Cable to cable			
下壳/Housings 	M25 M32 PG21 PG29	H10B-DJKH-2L-M25 H10B-DJKH-2L-M32 H10B-DJKH-2L-PG21 H10B-DJKH-2L-PG29	
电缆对接/Cable to cable 高结构/High construction			

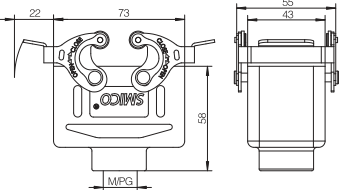
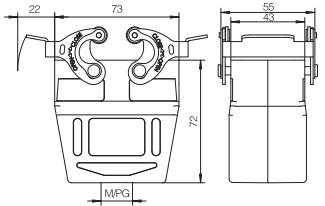
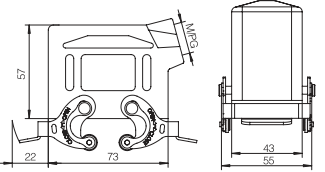
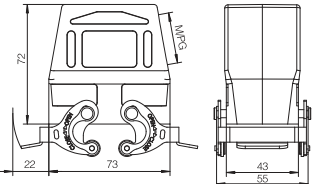
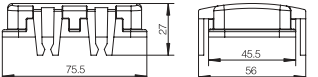
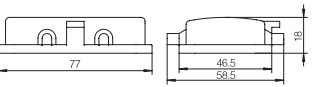
H10B 下壳 Housings

Size H10B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H10B-ST-2L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H10B-ST-4B-CV	
开孔安装/Bulkhead mounting			
下壳/Housings 	M20 2M20 M25 2M25 PG16 2PG16	H10B-SG-2L-M20 H10B-SG-2L-2M20 H10B-SG-2L-M25 H10B-SG-2L-2M25 H10B-SG-2L-PG16 H10B-SG-2L-2PG16	
表面安装/Surface mounting			
下壳/Housings 	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	H10B-SGH-2L-M25 H10B-SGH-2L-2M25 H10B-SGH-2L-M32 H10B-SGH-2L-2M32 H10B-SGH-2L-PG21 H10B-SGH-2L-2PG21 H10B-SGH-2L-PG29 H10B-SGH-2L-2PG29	
表面安装/Surface mounting 高结构/High construction			
下壳/Housings 	M20 2M20 M25 2M25 PG16 2PG16	H10B-SG-4B-CV-M20 H10B-SG-4B-CV-2M20 H10B-SG-4B-CV-M25 H10B-SG-4B-CV-2M25 H10B-SG-4B-CV-PG16 H10B-SG-4B-CV-2PG16	
表面安装/Surface mounting			
下壳/Housings 	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	H10B-SGH-4B-CV-M25 H10B-SGH-4B-CV-2M25 H10B-SGH-4B-CV-M32 H10B-SGH-4B-CV-2M32 H10B-SGH-4B-CV-PG21 H10B-SGH-4B-CV-2PG21 H10B-SGH-4B-CV-PG29 H10B-SGH-4B-CV-2PG29	
表面安装/Surface mounting 高结构/High construction			

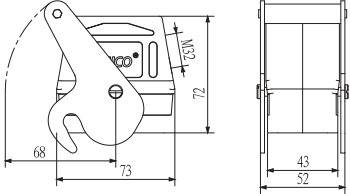
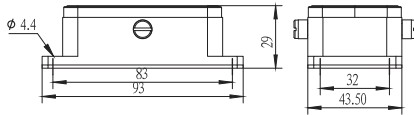
H10B 外壳 Hoods & Housings

Size H10B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M20 PG16	H10B-TK-2L-M20 H10B-TK-2L-PG16	
顶出线/Top entry			
上壳/Hoods 	M25 M32 PG21 PG29	H10B-TKH-2L-M25 H10B-TKH-2L-M32 H10B-TKH-2L-PG21 H10B-TKH-2L-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M20 PG16	H10B-SK-2L-M20 H10B-SK-2L-PG16	
侧面出线/Side entry			
上壳/Hoods 	M25 M32 PG21 PG29	H10B-SKH-2L-M25 H10B-SKH-2L-M32 H10B-SKH-2L-PG21 H10B-SKH-2L-PG29	
侧面出线/Side entry 高结构/High construction			
	...	塑料盖/Plastic cover H10B-CV-4C	
防护盖/Protection cover			
	...	塑料盖/Plastic cover H10B-CV-4B 金属盖/Metal cover H10B-MCV-4B	
防护盖/Protection cover			

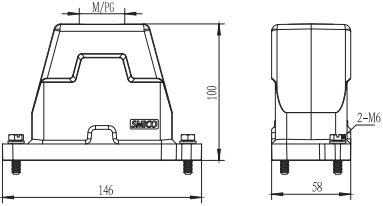
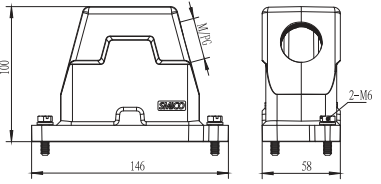
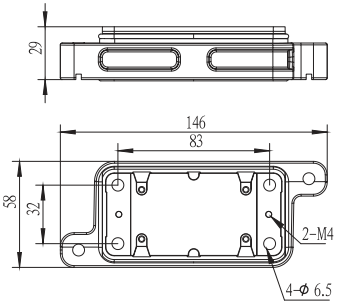
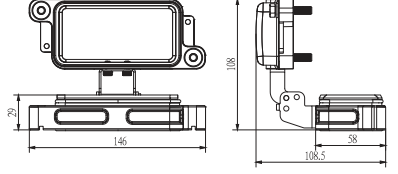
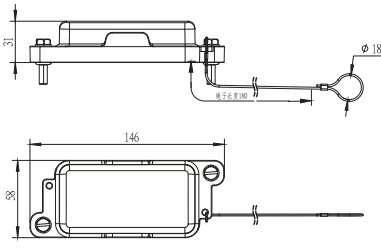
H10B 外壳 Hoods & Housings

Size H10B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25 M32 PG21	H10B-SKH-1L/C-M25 H10B-SKH-1L/C-M32 H10B-SKH-1L/C-PG21	
侧出线/Side entry			
下壳/Housings 	...	H10B-ST-2B/C	
开孔安装/Bulkhead mounting			

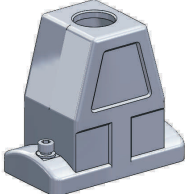
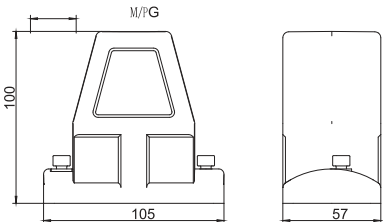
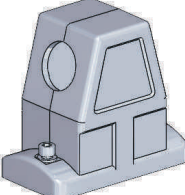
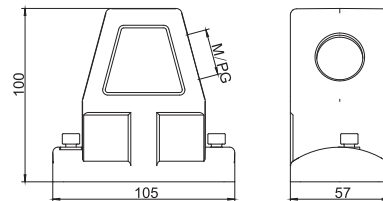
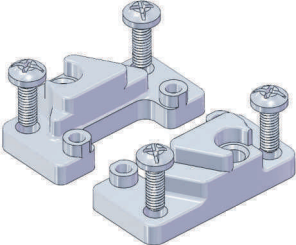
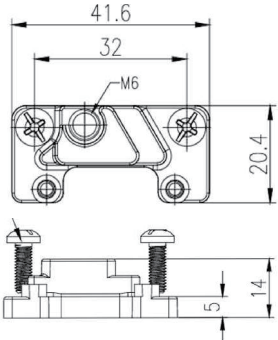
HP10B/H 外壳 Hoods & Housings

Size HP10B/H IP68

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	PG16 PG21 PG29 M20 M25 M32	HP10B/H-TKH-2S-PG16 HP10B/H-TKH-2S-PG21 HP10B/H-TKH-2S-PG29 HP10B/H-TKH-2S-M20 HP10B/H-TKH-2S-M25 HP10B/H-TKH-2S-M32	
顶出线/Top entry			
上壳/Hoods 	PG16 PG21 PG29 M20 M25 M32	HP10B/H-SKH-2S-PG16 HP10B/H-SKH-2S-PG21 HP10B/H-SKH-2S-PG29 HP10B/H-SKH-2S-M20 HP10B/H-SKH-2S-M25 HP10B/H-SKH-2S-M32	
侧出线/Side entry			
下壳/Housings 	...	HP10B/H-ST-2H	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	HP10B/H-ST-MCV-2H	
开孔安装/Bulkhead mounting			
	...	HP10B/H-MCV-2S	
防护盖/Protection cover			

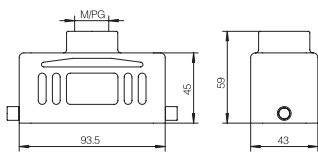
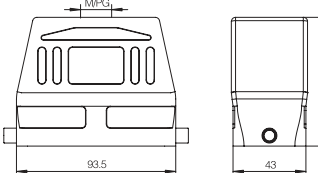
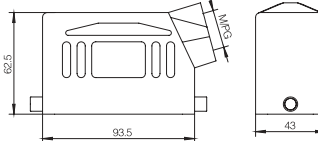
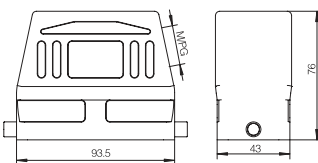
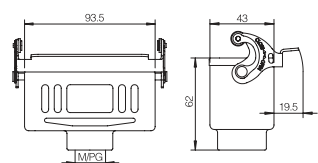
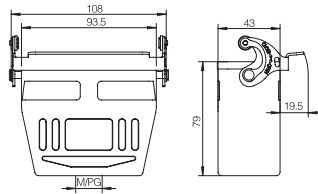
HC10B 外壳 Hoods & Housings

Size HC10B IP68/IP69K

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M25 M32 PG16 PG21	HC10B-TKH-2S-M25 HC10B-TKH-2S-M32 HC10B-TKH-2S-PG16 HC10B-TKH-2S-PG21	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M25 M32 PG16 PG21	HC10B-SKH-2S-M25 HC10B-SKH-2S-M32 HC10B-SKH-2S-PG16 HC10B-SKH-2S-PG21	
侧出线/Side entry 高结构/High construction			
	...	APT-C	
芯体安装支块/Mounting flange			

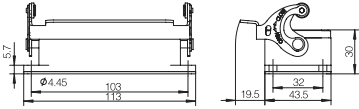
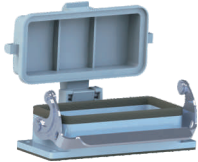
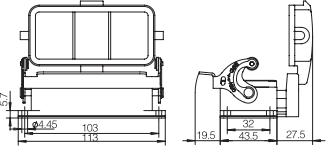
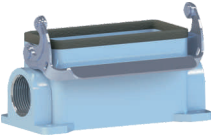
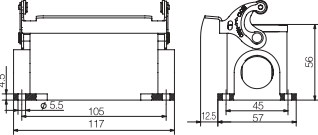
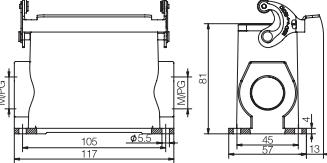
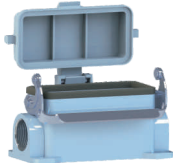
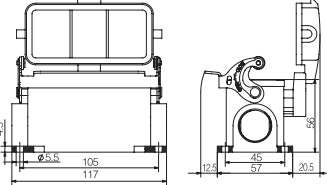
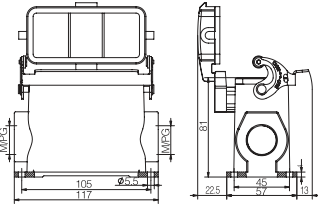
H16B 外壳 Hoods & Housings

Size H16B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25 PG21	H16B-TK-2B-M25 H16B-TK-2B-PG21	
顶出线/Top entry			
上壳 /Hoods 	M32 M40 PG21 PG29	H16B-TKH-2B-M32 H16B-TKH-2B-M40 H16B-TKH-2B-PG21 H16B-TKH-2B-PG29	
顶出线/Top entry 高结构/High construction			
上壳 /Hoods 	M25 M32 PG21	H16B-SK-2B-M25 H16B-SK-2B-M32 H16B-SK-2B-PG21	
侧面出线/Side entry			
上壳 /Hoods 	M32 M40 PG21 PG29	H16B-SKH-2B-M32 H16B-SKH-2B-M40 H16B-SKH-2B-PG21 H16B-SKH-2B-PG29	
侧面出线/Side entry 高结构/High construction			
下壳/Housings 	M25 PG21	H16B-DJK-1L-M25 H16B-DJK-1L-PG21	
电缆对接/Cable to cable			
下壳/Housings 	M32 M40 PG21 PG29	H16B-DJKH-1L-M32 H16B-DJKH-1L-M40 H16B-DJKH-1L-PG21 H16B-DJKH-1L-PG29	
电缆对接/Cable to cable 高结构/High construction			

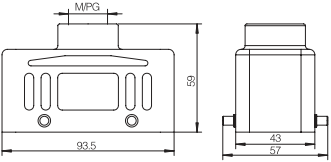
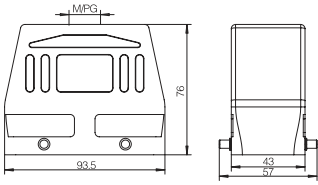
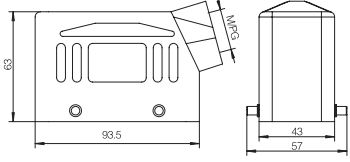
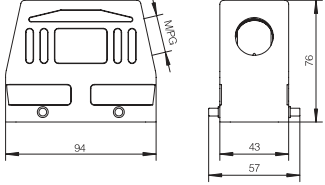
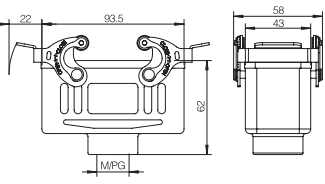
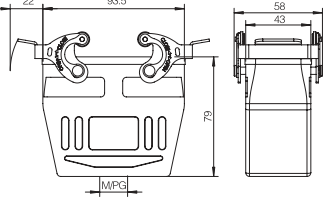
H16B 下壳 Housings

Size H16B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H16B-ST-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H16B-ST-CV-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	M25 2M25 PG21 2PG21	H16B-SG-1L-M25 H16B-SG-1L-2M25 H16B-SG-1L-PG21 H16B-SG-1L-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H16B-SGH-1L-M32 H16B-SGH-1L-2M32 H16B-SGH-1L-PG21 H16B-SGH-1L-2PG21 H16B-SGH-1L-PG29 H16B-SGH-1L-2PG29	
表面安装/Surface mounting 高结构/High construction			
下壳/Housings 	M25 2M25 PG21 2PG21	H16B-SG-CV-1L-M25 H16B-SG-CV-1L-2M25 H16B-SG-CV-1L-PG21 H16B-SG-CV-1L-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H16B-SGH-CV-1L-M32 H16B-SGH-CV-1L-2M32 H16B-SGH-CV-1L-PG21 H16B-SGH-CV-1L-2PG21 H16B-SGH-CV-1L-PG29 H16B-SGH-CV-1L-2PG29	
表面安装/Surface mounting 高结构/High construction			

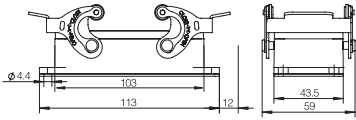
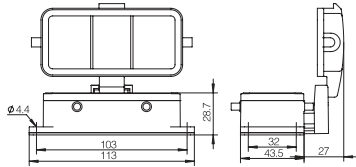
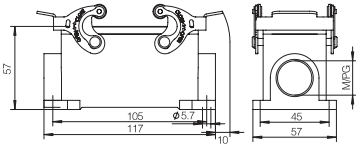
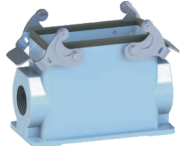
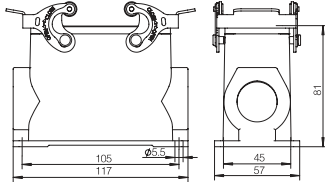
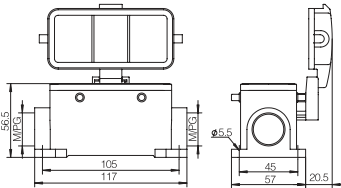
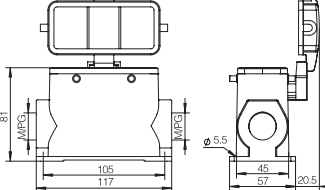
H16B 外壳 Hoods & Housings

Size H16B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M25 PG21	H16B-TK-4B-M25 H16B-TK-4B-PG21	
顶出线/Top entry			
上壳/Hoods 	M32 M40 PG21 PG29	H16B-TKH-4B-M32 H16B-TKH-4B-M40 H16B-TKH-4B-PG21 H16B-TKH-4B-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M25 M32 PG21	H16B-SK-4B-M25 H16B-SK-4B-M32 H16B-SK-4B-PG21	
侧面出线/Side entry			
上壳/Hoods 	M32 M40 PG21 PG29	H16B-SKH-4B-M32 H16B-SKH-4B-M40 H16B-SKH-4B-PG21 H16B-SKH-4B-PG29	
侧面出线/Side entry 高结构/High construction			
下壳/Housings 	M25 PG21	H16B-DJK-2L-M25 H16B-DJK-2L-PG21	
电缆对接/Cable to cable			
下壳/Housings 	M32 M40 PG21 PG29	H16B-DJKH-2L-M32 H16B-DJKH-2L-M40 H16B-DJKH-2L-PG21 H16B-DJKH-2L-PG29	
电缆对接/Cable to cable 高结构/High construction			

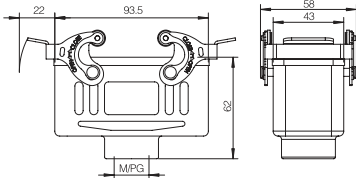
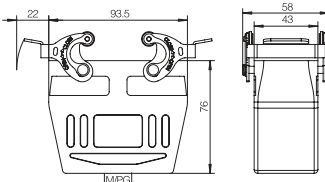
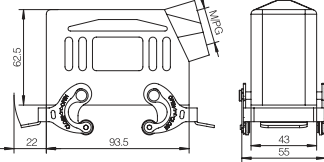
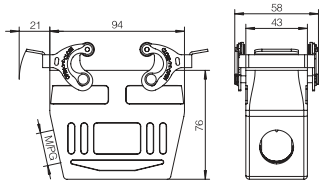
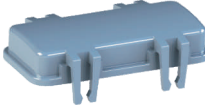
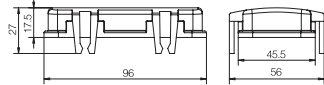
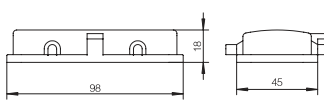
H16B 下壳 Housings

Size H16B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H16B-ST-2L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H16B-ST-4B-CV	
开孔安装/Bulkhead mounting			
下壳/Housings 	M25 2M25 PG21 2PG21	H16B-SG-2L-M25 H16B-SG-2L-2M25 H16B-SG-2L-PG21 H16B-SG-2L-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H16B-SGH-2L-M32 H16B-SGH-2L-2M32 H16B-SGH-2L-PG21 H16B-SGH-2L-2PG21 H16B-SGH-2L-PG29 H16B-SGH-2L-2PG29	
表面安装/Surface mounting 高结构/High construction			
下壳/Housings 	M25 2M25 PG21 2PG21	H16B-SG-4B-CV-M25 H16B-SG-4B-CV-2M25 H16B-SG-4B-CV-PG21 H16B-SG-4B-CV-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H16B-SGH-4B-CV-M32 H16B-SGH-4B-CV-2M32 H16B-SGH-4B-CV-PG21 H16B-SGH-4B-CV-2PG21 H16B-SGH-4B-CV-PG29 H16B-SGH-4B-CV-2PG29	
表面安装/Surface mounting 高结构/High construction			

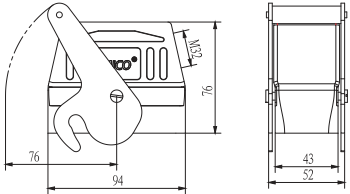
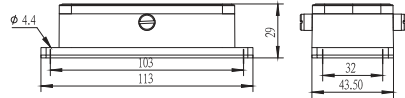
H16B 下壳 Housings

Size H16B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M25 PG21	H16B-TK-2L-M25 H16B-TK-2L-PG21	
顶出线/Top entry			
上壳/Hoods 	M32 M40 PG21 PG29	H16B-TKH-2L-M32 H16B-TKH-2L-M40 H16B-TKH-2L-PG21 H16B-TKH-2L-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M25 M32 PG21	H16B-SK-2L-M25 H16B-SK-2L-M32 H16B-SK-2L-PG21	
侧面出线/Side entry			
上壳/Hoods 	M32 M40 PG21 PG29	H16B-SKH-2L-M32 H16B-SKH-2L-M40 H16B-SKH-2L-PG21 H16B-SKH-2L-PG29	
侧面出线/Side entry 高结构/High construction			
	...	塑料盖/Plastic cover SO-H16B-CV-4C	
防护盖/Protection cover			
	...	塑料盖/Plastic cover H16B-CV-4B 金属盖/Metal cover H16B-MCV-4B	
防护盖/Protection cover			

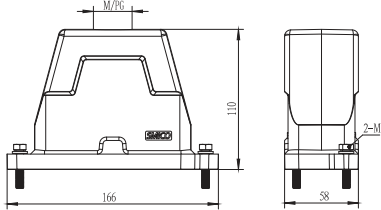
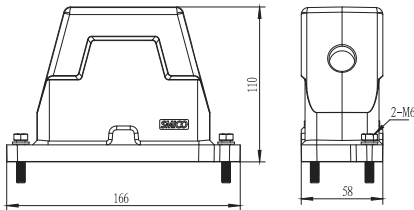
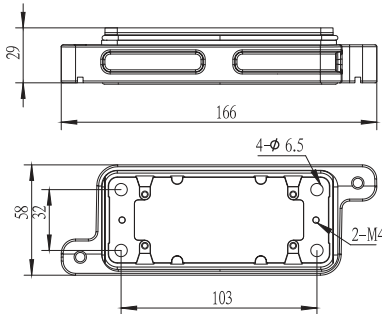
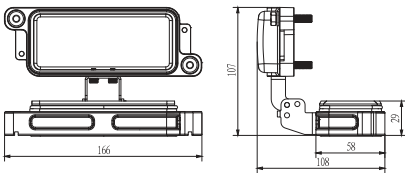
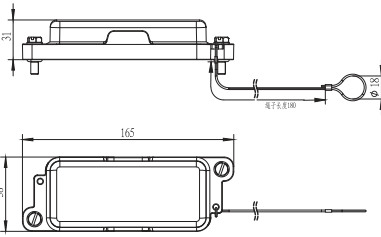
H16B 外壳 Hoods & Housings

Size H16B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25 M32 PG21	H16B-SKH-1L/C-M25 H16B-SKH-1L/C-M32 H16B-SKH-1L/C-PG21	
侧出线/Side entry			
下壳/Housings 	...	H16B-ST-2B/C	
开孔安装/Bulkhead mounting			

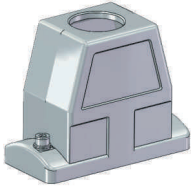
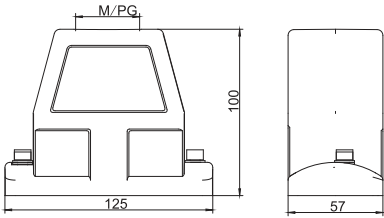
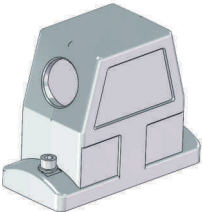
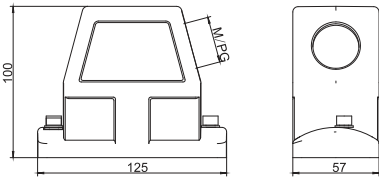
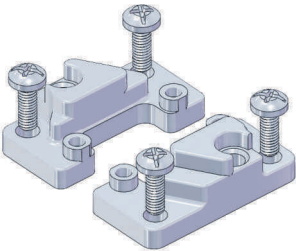
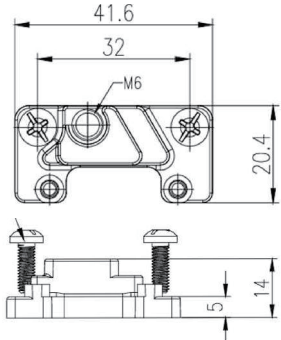
HP16B/H 外壳 Hoods & Housings

Size HP16B/H IP68

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	PG16 PG21 PG29 M20 M25 M32	HP16B/H-TKH-2S-PG16 HP16B/H-TKH-2S-PG21 HP16B/H-TKH-2S-PG29 HP16B/H-TKH-2S-M20 HP16B/H-TKH-2S-M25 HP16B/H-TKH-2S-M32	
顶出线/Top entry			
上壳/Hoods 	PG16 PG21 PG29 M20 M25 M32	HP16B/H-SKH-2S-PG16 HP16B/H-SKH-2S-PG21 HP16B/H-SKH-2S-PG29 HP16B/H-SKH-2S-M20 HP16B/H-SKH-2S-M25 HP16B/H-SKH-2S-M32	
侧出线/Side entry			
下壳/Housings 	...	HP16B/H-ST-2H	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	HP16B/H-ST-MCV-2H	
开孔安装/Bulkhead mounting			
	...	HP16B/H-MCV-2S	
防护盖/Protection cover			

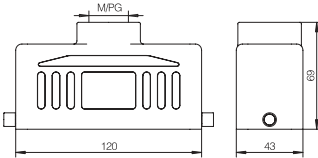
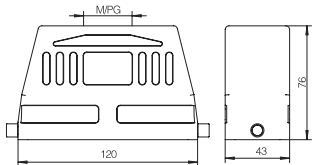
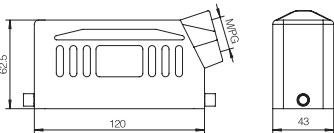
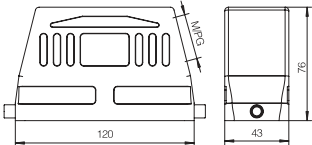
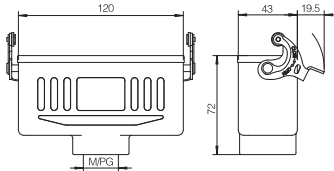
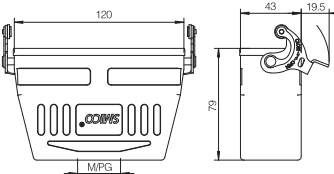
HC16B 外壳 Hoods & Housings

Size HC16B IP68/IP69K

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M32 M40 PG21 PG29	HC16B-TKH-2S-M32 HC16B-TKH-2S-M40 HC16B-TKH-2S-PG21 HC16B-TKH-2S-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M32 M40 PG21 PG29	HC16B-SKH-2S-M32 HC16B-SKH-2S-M40 HC16B-SKH-2S-PG21 HC16B-SKH-2S-PG29	
侧出线/Side entry 高结构/High construction			
	...	APT-C	
芯体安装支块/Mounting flange			

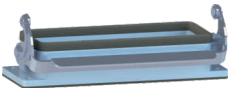
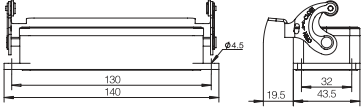
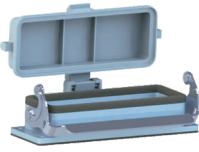
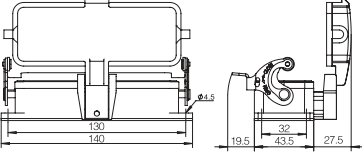
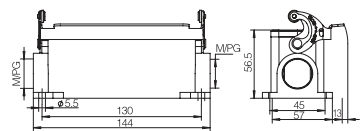
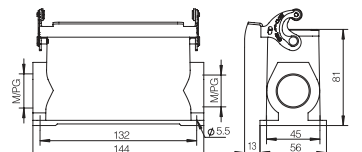
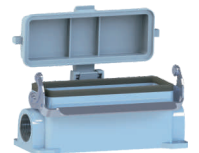
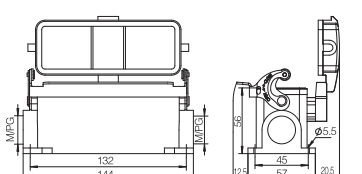
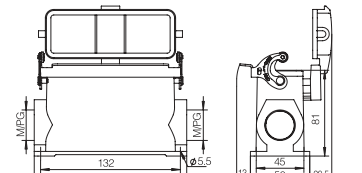
H24B 外壳 Hoods & Housings

Size H24B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25 PG21	H24B-TK-2B-M25 H24B-TK-2B-PG21	
顶出线/Top entry			
上壳 /Hoods 	M32 M40 PG21 PG29	H24B-TKH-2B-M32 H24B-TKH-2B-M40 H24B-TKH-2B-PG21 H24B-TKH-2B-PG29	
顶出线/Top entry 高结构/High construction			
上壳 /Hoods 	M25 M32 PG21	H24B-SK-2B-M25 H24B-SK-2B-M32 H24B-SK-2B-PG21	
侧面出线/Side entry			
上壳 /Hoods 	M32 M40 PG21 PG29	H24B-SKH-2B-M32 H24B-SKH-2B-M40 H24B-SKH-2B-PG21 H24B-SKH-2B-PG29	
侧面出线/Side entry 高结构/High construction			
下壳/Housings 	M25 PG21	H24B-DJK-1L-M25 H24B-DJK-1L-PG21	
电缆对接/Cable to cable			
下壳/Housings 	M32 M40 PG21 PG29	H24B-DJKH-1L-M32 H24B-DJKH-1L-M40 H24B-DJKH-1L-PG21 H24B-DJKH-1L-PG29	
电缆对接/Cable to cable 高结构/High construction			

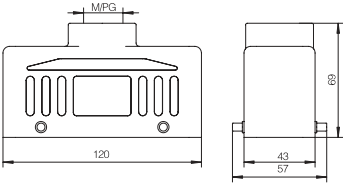
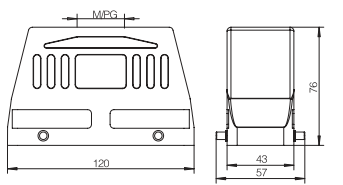
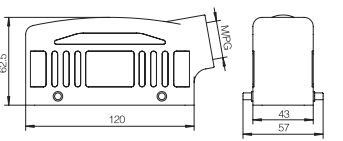
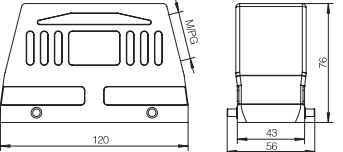
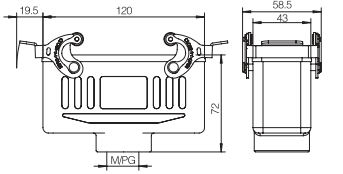
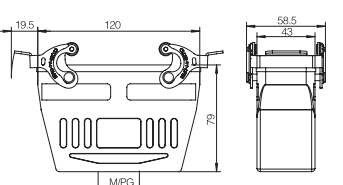
H24B 下壳 Housings

Size H24B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H24B-ST-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H24B-ST-CV-1L	
开孔安装/Bulkhead mounting			
下壳/Housings 	M25 2M25 PG21 2PG21	H24B-SG-1L-M25 H24B-SG-1L-2M25 H24B-SG-1L-PG21 H24B-SG-1L-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H24B-SGH-1L-M32 H24B-SGH-1L-2M32 H24B-SGH-1L-PG21 H24B-SGH-1L-2PG21 H24B-SGH-1L-PG29 H24B-SGH-1L-2PG29	
表面安装/Surface mounting 高结构/High construction			
下壳/Housings 	M25 2M25 PG21 2PG21	H24B-SG-CV-1L-M25 H24B-SG-CV-1L-2M25 H24B-SG-CV-1L-PG21 H24B-SG-CV-1L-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H24B-SGH-CV-1L-M32 H24B-SGH-CV-1L-2M32 H24B-SGH-CV-1L-PG21 H24B-SGH-CV-1L-2PG21 H24B-SGH-CV-1L-PG29 H24B-SGH-CV-1L-2PG29	
表面安装/Surface mounting 高结构/High construction			

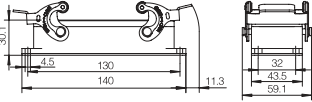
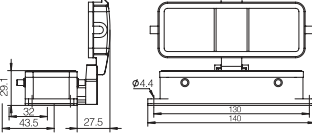
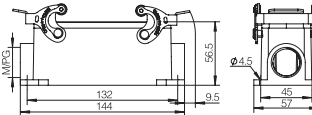
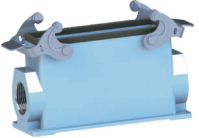
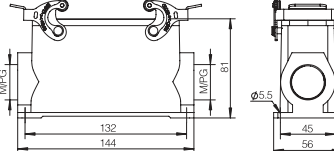
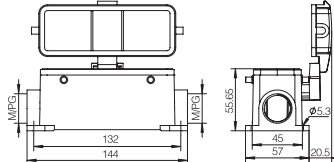
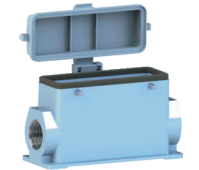
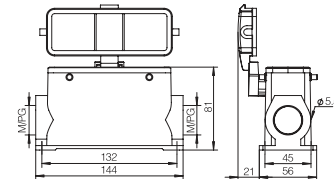
H24B 外壳 Hoods & Housings

Size H24B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M25 PG21	H24B-TK-4B-M25 H24B-TK-4B-PG21	
顶出线/Top entry			
上壳/Hoods 	M32 M40 PG21 PG29	H24B-TKH-4B-M32 H24B-TKH-4B-M40 H24B-TKH-4B-PG21 H24B-TKH-4B-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M25 M32 PG21	H24B-SK-4B-M25 H24B-SK-4B-M32 H24B-SK-4B-PG21	
侧面出线/Side entry			
上壳/Hoods 	M32 M40 PG21 PG29	H24B-SKH-4B-M32 H24B-SKH-4B-M40 H24B-SKH-4B-PG21 H24B-SKH-4B-PG29	
侧面出线/Side entry 高结构/High construction			
下壳/Housings 	M25 PG21	H24B-DJK-2L-M25 H24B-DJK-2L-PG21	
电缆对接/Cable to cable			
下壳/Housings 	M32 M40 PG21 PG29	H24B-DJKH-2L-M32 H24B-DJKH-2L-M40 H24B-DJKH-2L-PG21 H24B-DJKH-2L-PG29	
电缆对接/Cable to cable 高结构/High construction			

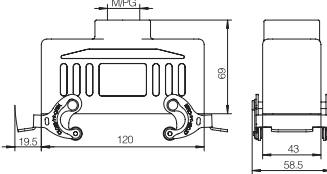
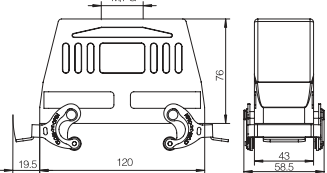
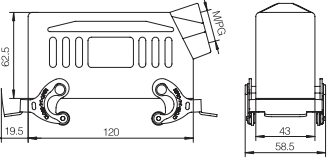
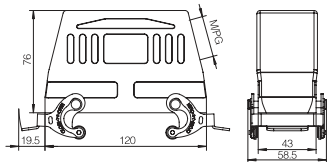
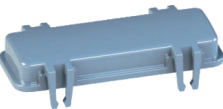
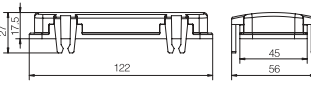
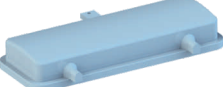
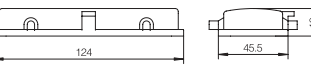
H24B 下壳 Housings

Size H24B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
下壳/Housings 	...	H24B-ST-2L	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	H24B-ST-4B-CV	
开孔安装/Bulkhead mounting			
下壳/Housings 	M25 2M25 PG21 2PG21	H24B-SG-2L-M25 H24B-SG-2L-2M25 H24B-SG-2L-PG21 H24B-SG-2L-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H24B-SGH-2L-M32 H24B-SGH-2L-2M32 H24B-SGH-2L-PG21 H24B-SGH-2L-2PG21 H24B-SGH-2L-PG29 H24B-SGH-2L-2PG29	
表面安装/Surface mounting 高结构/High construction			
下壳/Housings 	M25 2M25 PG21 2PG21	H24B-SG-4B-CV-M25 H24B-SG-4B-CV-2M25 H24B-SG-4B-CV-PG21 H24B-SG-4B-CV-2PG21	
表面安装/Surface mounting			
下壳/Housings 	M32 2M32 PG21 2PG21 PG29 2PG29	H24B-SGH-4B-CV-M32 H24B-SGH-4B-CV-2M32 H24B-SGH-4B-CV-PG21 H24B-SGH-4B-CV-2PG21 H24B-SGH-4B-CV-PG29 H24B-SGH-4B-CV-2PG29	
表面安装/Surface mounting 高结构/High construction			

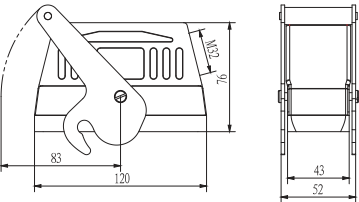
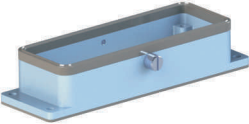
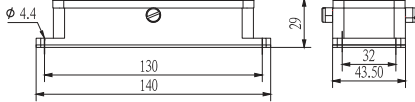
H24B 外壳 Hoods & Housings

Size H24B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	M25 PG21	H24B-TK-2L-M25 H24B-TK-2L-PG21	
顶出线/Top entry			
上壳/Hoods 	M32 M40 PG21 PG29	H24B-TKH-2L-M32 H24B-TKH-2L-M40 H24B-TKH-2L-PG21 H24B-TKH-2L-PG29	
顶出线/Top entry 高结构/High construction			
上壳/Hoods 	M25 M32 PG21	H24B-SK-2L-M25 H24B-SK-2L-M32 H24B-SK-2L-PG21	
侧面出线/Side entry			
上壳/Hoods 	M32 M40 PG21 PG29	H24B-SKH-2L-M32 H24B-SKH-2L-M40 H24B-SKH-2L-PG21 H24B-SKH-2L-PG29	
侧面出线/Side entry 高结构/High construction			
	...	塑料盖/Plastic cover H24B-CV-4C	
防护盖/Protection cover			
	...	塑料盖/Plastic cover H24B-CV-4B 金属盖/Metal cover H24B-MCV-4B	
防护盖/Protection cover			

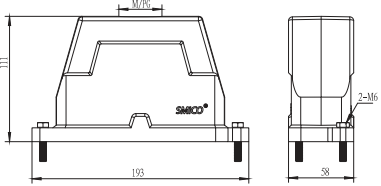
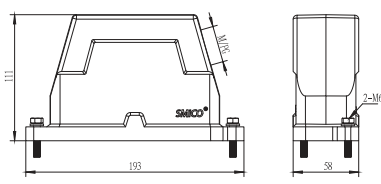
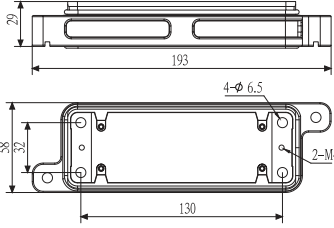
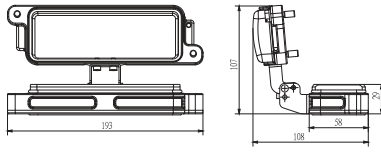
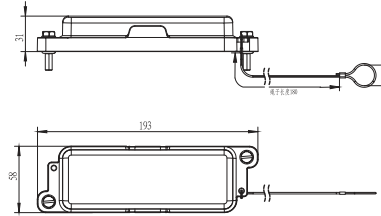
H24B 外壳 Hoods & Housings

Size H24B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods 	M25 M32 PG21	H24B-SKH-1L/C-M25 H24B-SKH-1L/C-M32 H24B-SKH-1L/C-PG21	
侧出线/Side entry			
下壳/Housings 	...	H24B-ST-2B/C	
开孔安装/Bulkhead mounting			

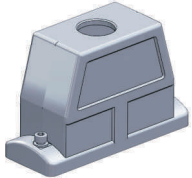
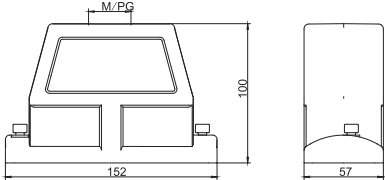
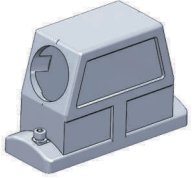
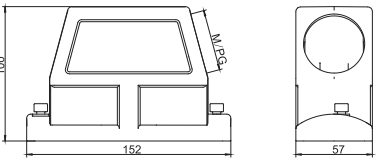
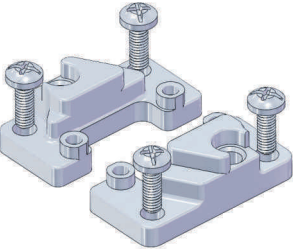
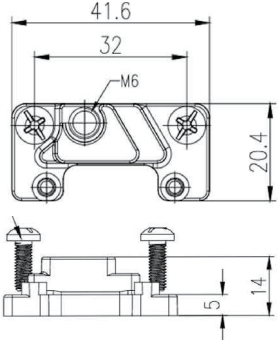
HP24B/H 外壳 Hoods & Housings

Size HP24B/H IP68

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods 	PG16 PG21 PG29 M20 M25 M32	HP24B/H-TKH-2S-PG16 HP24B/H-TKH-2S-PG21 HP24B/H-TKH-2S-PG29 HP24B/H-TKH-2S-M20 HP24B/H-TKH-2S-M25 HP24B/H-TKH-2S-M32	
顶出线/Top entry			
上壳/Hoods 	PG16 PG21 PG29 M20 M25 M32	HP24B/H-SKH-2S-PG16 HP24B/H-SKH-2S-PG21 HP24B/H-SKH-2S-PG29 HP24B/H-SKH-2S-M20 HP24B/H-SKH-2S-M25 HP24B/H-SKH-2S-M32	
侧出线/Side entry			
下壳/Housings 	...	HP24B/H-ST-2H	
开孔安装/Bulkhead mounting			
下壳/Housings 	...	HP24B/H-ST-MCV-2H	
下壳/Housings 	...	HP24B/H-MCV-2S	
防护盖/Protection cover			

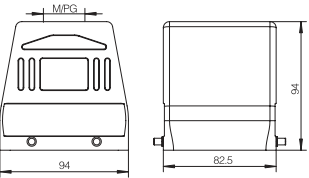
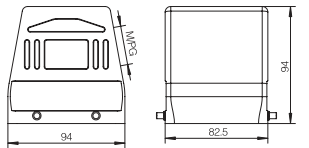
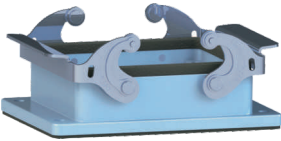
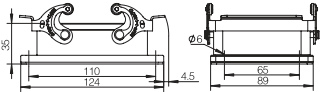
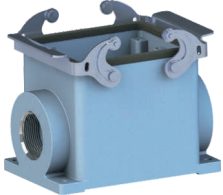
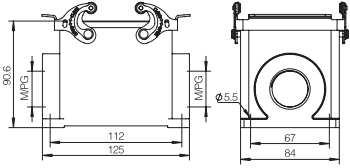
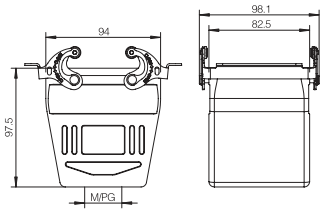
HC24B 外壳 Hoods & Housings

Size HC24B IP68/IP69K

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳/Hoods  顶出线/Top entry 高结构/High construction	M32 M40 PG21 PG29	HC24B-TKH-2S-M32 HC24B-TKH-2S-M40 HC24B-TKH-2S-PG21 HC24B-TKH-2S-PG29	
上壳/Hoods  侧出线/Side entry 高结构/High construction	M32 M40 PG21 PG29	HC24B-SKH-2S-M32 HC24B-SKH-2S-M40 HC24B-SKH-2S-PG21 HC24B-SKH-2S-PG29	
 芯体安装支块/Mounting flange	...	APT-C	

H32B 外壳 Hoods & Housings

Size H32B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods  顶出线/Top entry	M32 M40 M50 PG29 PG36 PG42	H32B-TK-4B-M32 H32B-TK-4B-M40 H32B-TK-4B-M50 H32B-TK-4B-PG29 H32B-TK-4B-PG36 H32B-TK-4B-PG42	
上壳 /Hoods  侧面出线/Side entry	M32 M40 M50 PG29 PG36 PG42	H32B-SK-4B-M32 H32B-SK-4B-M40 H32B-SK-4B-M50 H32B-SK-4B-PG29 H32B-SK-4B-PG36 H32B-SK-4B-PG42	
下壳 /Housings  开孔安装/Bulkhead mounting	...	H32B-ST-2L	
下壳 /Housings  表面安装/Surface mounting	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36	H32B-SG-2L-M32 H32B-SG-2L-2M32 H32B-SG-2L-M40 H32B-SG-2L-2M40 H32B-SG-2L-PG29 H32B-SG-2L-2PG29 H32B-SG-2L-PG36 H32B-SG-2L-2PG36	
下壳 /Housings  电缆对接/Cable to cable	M32 M40 M50 PG29 PG36 PG42	H32B-DJK-2L-M32 H32B-DJK-2L-M40 H32B-DJK-2L-M50 H32B-DJK-2L-PG29 H32B-DJK-2L-PG36 H32B-DJK-2L-PG42	

H32B 外壳 Hoods & Housings

Size H32B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods	M32 M40 M50 PG29 PG36 PG42	H32B-TK-2B-M32 H32B-TK-2B-M40 H32B-TK-2B-M50 H32B-TK-2B-PG29 H32B-TK-2B-PG36 H32B-TK-2B-PG42	
顶出线/Top entry			
上壳 /Hoods	M32 M40 M50 PG29 PG36 PG42	H32B-SK-2B-M32 H32B-SK-2B-M40 H32B-SK-2B-M50 H32B-SK-2B-PG29 H32B-SK-2B-PG36 H32B-SK-2B-PG42	
侧面出线/Side entry			
下壳 /Housings	...	H32B-ST-1L	
开孔安装/Bulkhead mounting			
下壳 /Housings	...	H32B-ST-CV-1L	
开孔安装/Bulkhead mounting			
下壳 /Housings	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36	H32B-SG-CV-1L-M32 H32B-SG-CV-1L-2M32 H32B-SG-CV-1L-M40 H32B-SG-CV-1L-2M40 H32B-SG-CV-1L-PG29 H32B-SG-CV-1L-2PG29 H32B-SG-CV-1L-PG36 H32B-SG-CV-1L-2PG36	
表面安装/Surface mounting			

H48B 外壳 Hoods & Housings

Size H48B IP65

	螺纹 Thread	型号 Type	尺寸图 Drawing(mm)
上壳 /Hoods	M32 M40 M50 PG29 PG36 PG42	H48B-TK-2B-M32 H48B-TK-2B-M40 H48B-TK-2B-M50 H48B-TK-2B-PG29 H48B-TK-2B-PG36 H48B-TK-2B-PG42	
顶出线/Top entry			
上壳 /Hoods	M32 M40 M50 PG29 PG36 PG42	H48B-SK-2B-M32 H48B-SK-2B-M40 H48B-SK-2B-M50 H48B-SK-2B-PG29 H48B-SK-2B-PG36 H48B-SK-2B-PG42	
侧面出线/Side entry			
下壳 /Housings	...	H48B-ST-1L	
开孔安装/Bulkhead mounting			
下壳 /Housings	...	H48B-ST-CV-1L	
开孔安装/Bulkhead mounting			
下壳 /Housings	M40 2M40 PG29 2PG29 PG36 2PG36	H48B-SG-1L-M40 H48B-SG-1L-2M40 H48B-SG-1L-PG29 H48B-SG-1L-2PG29 H48B-SG-1L-PG36 H48B-SG-1L-2PG36	
表面安装/Surface mounting			
下壳 /Housings	M40 2M40 PG29 2PG29 PG36 2PG36	H48B-SG-CV-1L-M40 H48B-SG-CV-1L-2M40 H48B-SG-CV-1L-PG29 H48B-SG-CV-1L-2PG29 H48B-SG-CV-1L-PG36 H48B-SG-CV-1L-2PG36	
表面安装/Surface mounting			

冷压针
Crimp contacts



冷压针
Crimp contacts

5A 冷压接插针-标准型, 适用于HM、EMC-008、D-SUB、HR23插芯
Crimp contacts 5A-Standard for HM、EMC-008、D-SUB、HR23 inserts

接触电阻≤3mΩ
Contact resistance≤3mΩ

镀银/Silver plated

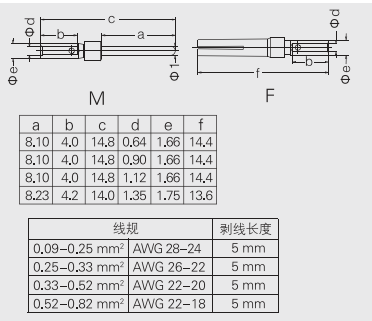


镀金/Gold plated



公/Male		母/Female	
CSSM-0.25		CSSF-0.25	
CSSM-0.33		CSSF-0.33	
CSSM-0.52		CSSF-0.52	
CSSM-0.82		CSSF-0.82	

CSGM-0.25	CSGF-0.25
CSGM-0.33	CSGF-0.33
CSGM-0.52	CSGF-0.52
CSGM-0.82	CSGF-0.82



10A 冷压接插针-标准型, 适用于HD、HDD、HM、HK、HQ插芯
Crimp contacts 10A-Standard for HD、HDD、HM、HK、HQ inserts

接触电阻≤3mΩ
Contact resistance≤3mΩ

镀银/Silver plated

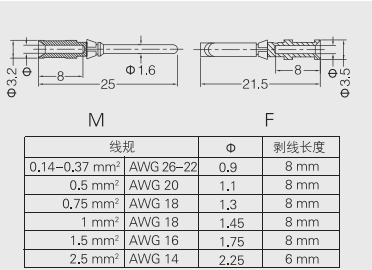


镀金/Gold plated



公/Male		母/Female	
CDSM-0.37		CDSF-0.37	
CDSM-0.50		CDSF-0.50	
CDSM-0.75		CDSF-0.75	
CDSM-1.0		CDSF-1.0	
CDSM-1.5		CDSF-1.5	
CDSM-2.5		CDSF-2.5	

CDGM-0.37	CDGF-0.37
CDGM-0.50	CDGF-0.50
CDGM-0.75	CDGF-0.75
CDGM-1.0	CDGF-1.0
CDGM-1.5	CDGF-1.5
CDGM-2.5	CDGF-2.5



当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

10A 冷压接插针-加强型 I (防偏向对插), 适用于HD、HDD、HM、HK、HQ插芯
Crimp contacts 10A-Enhanced I (prevent deflected insertion) for HD、HDD、HM、HK、HQ inserts

接触电阻≤3mΩ
Contact resistance≤3mΩ

镀银/Silver plated

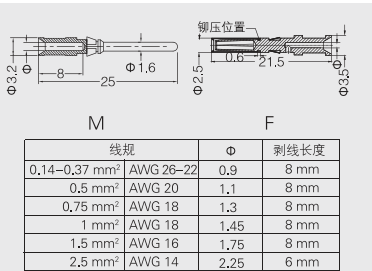


镀金/Gold plated



公/Male		母/Female	
CDSM-0.37		CDSF-0.37C	
CDSM-0.50		CDSF-0.50C	
CDSM-0.75		CDSF-0.75C	
CDSM-1.0		CDSF-1.0C	
CDSM-1.5		CDSF-1.5C	
CDSM-2.5		CDSF-2.5C	

CDGM-0.37	CDGF-0.37C
CDGM-0.50	CDGF-0.50C
CDGM-0.75	CDGF-0.75C
CDGM-1.0	CDGF-1.0C
CDGM-1.5	CDGF-1.5C
CDGM-2.5	CDGF-2.5C



当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

10A 冷压接插针-加强型 II (防偏向对插), 适用于HD、HDD、HM、HK、HQ插芯
Crimp contacts 10A-Enhanced II (prevent deflected insertion) for HD、HDD、HM、HK、HQ inserts

接触电阻≤3mΩ
Contact resistance≤3mΩ

镀银/Silver plated

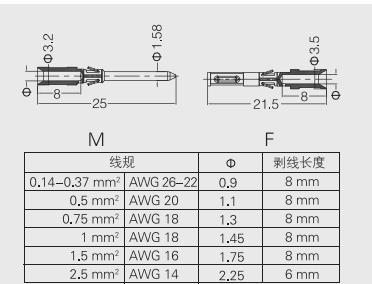


镀金/Gold plated



公/Male		母/Female	
CDSM-0.37B		CDSF-0.37B	
CDSM-0.50B		CDSF-0.50B	
CDSM-0.75B		CDSF-0.75B	
CDSM-1.0B		CDSF-1.0B	
CDSM-1.5B		CDSF-1.5B	
CDSM-2.5B		CDSF-2.5B	

CDGM-0.37B	CDGF-0.37B
CDGM-0.50B	CDGF-0.50B
CDGM-0.75B	CDGF-0.75B
CDGM-1.0B	CDGF-1.0B
CDGM-1.5B	CDGF-1.5B
CDGM-2.5B	CDGF-2.5B



当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

冷压针
Crimp contacts

16A 冷压接插针-标准型, 适用于HAC、HEC、D-SUB、HR23插芯
Crimp contacts 16A-Standard for HAC、HEC、D-SUB、HR23 inserts

接触电阻≤1mΩ
Contact resistance≤1mΩ

镀银/Silver plated

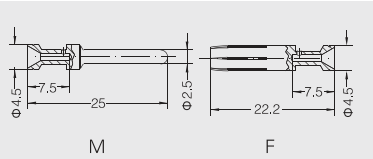


镀金/Gold plated



公/Male	母/Female
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.0	CESF-1.0
CESM-1.5	CESF-1.5
CESM-2.5	CESF-2.5
CESM-3.0	CESF-3.0
CESM-4.0	CESF-4.0

公/Male	母/Female
CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.0	CEGF-1.0
CEGM-1.5	CEGF-1.5
CEGM-2.5	CEGF-2.5
CEGM-3.0	CEGF-3.0
CEGM-4.0	CEGF-4.0



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

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

16A 冷压接插针-加强(防偏向对插, 采用冠簧接触), 适用于HAC、HEC、HEE、HM、HK插芯
Crimp contacts 16A-Enhanced(prevent deflected insertion,with crown spring) for HAC、HEC、HEE、HM、HK inserts

接触电阻≤1mΩ
Contact resistance≤1mΩ

镀银/Silver plated

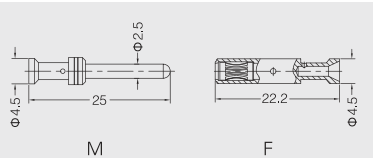


镀金/Gold plated



公/Male	母/Female
CESM-0.37	ZCESF-0.37G
CESM-0.50	ZCESF-0.50G
CESM-0.75	ZCESF-0.75G
CESM-1.0	ZCESF-1.0G
CESM-1.5	ZCESF-1.5G
CESM-2.5	ZCESF-2.5G
CESM-3.0	ZCESF-3.0G
CESM-4.0	ZCESF-4.0G

公/Male	母/Female
CEGM-0.37	ZCEGF-0.37G
CEGM-0.50	ZCEGF-0.50G
CEGM-0.75	ZCEGF-0.75G
CEGM-1.0	ZCEGF-1.0G
CEGM-1.5	ZCEGF-1.5G
CEGM-2.5	ZCEGF-2.5G
CEGM-3.0	ZCEGF-3.0G
CEGM-4.0	ZCEGF-4.0G



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

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

16A 冷压接插针-加强Ⅲ(防偏向对插, 采用冠簧接触, 轨道交通推荐), 适用于HE-006-MC/N/FC/N、HEE-046-MC/N/FC/N插芯
Crimp contacts 16A-EnhancedⅢ(prevent deflected insertion,with crown spring, recommended use in rail transport industry,vibration resistance) for HE-006-MC/N/FC/N、HEE-046-MC/N/FC/Ninserts

接触电阻≤1mΩ
Contact resistance≤1mΩ

镀银/Silver plated



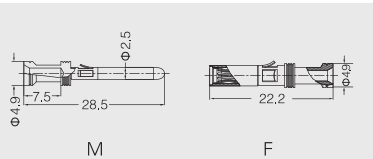
镀金/Gold plated



不能与上面两款16A针搭配使用
公针退针器: TL00
母针退针器: TL09
Can not be compatible use with above two 16A Crimp contacts.
Male contact removal tool:TL00
Female contact removal tool:TL09

公/Male	母/Female
CESM-0.37/N	CESF-0.37G/N
CESM-0.50/N	CESF-0.50G/N
CESM-0.75/N	CESF-0.75G/N
CESM-1.0/N	CESF-1.0G/N
CESM-1.5/N	CESF-1.5G/N
CESM-2.5/N	CESF-2.5G/N
CESM-3.0/N	CESF-3.0G/N
CESM-4.0/N	CESF-4.0G/N

公/Male	母/Female
CEGM-0.37/N	CEGF-0.37G/N
CEGM-0.50/N	CEGF-0.50G/N
CEGM-0.75/N	CEGF-0.75G/N
CEGM-1.0/N	CEGF-1.0G/N
CEGM-1.5/N	CEGF-1.5G/N
CEGM-2.5/N	CEGF-2.5G/N
CEGM-3.0/N	CEGF-3.0G/N
CEGM-4.0/N	CEGF-4.0G/N



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

当线规小于0.75mm²时, 建议使用辅助装针工具TL15.
When the wire gauge is less than 0.75mm², it's better to use the auxiliary pin assembly tool TL15.

40A 冷压接插针-标准型, 适用于HM、HK插芯
Crimp contacts 40A-Standard for HM、HK inserts

接触电阻≤1mΩ
Contact resistance≤1mΩ

镀银/Silver plated

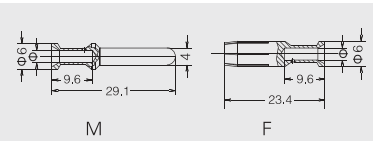


镀金/Gold plated



公/Male	母/Female
CCSM-1.5	CCSF-1.5
CCSM-2.5	CCSF-2.5
CCSM-4.0	CCSF-4.0
CCSM-6.0	CCSF-6.0
CCSM-10.0	CCSF-10.0

公/Male	母/Female
CCGM-1.5	CCGF-1.5
CCGM-2.5	CCGF-2.5
CCGM-4.0	CCGF-4.0
CCGM-6.0	CCGF-6.0
CCGM-10.0	CCGF-10.0



线规	Φ	剥线长度
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
10 mm ²	AWG 8	4.3 15 mm

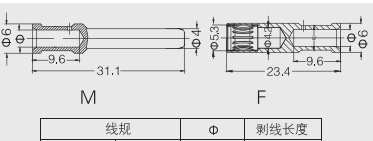
40A 冷压接插针-加强型(防偏向对插, 高拔插寿命, 采用冠簧接触), 适用于HK插芯
Crimp contacts 40A-Enhanced(prevent deflected insertion,hing mating cycle,with crown spring) for HK inserts

接触电阻≤1mΩ
Contact resistance≤1mΩ

镀金/Gold plated



公/Male	母/Female
CCGMH-1.5	CCGFH-1.5
CCGMH-2.5	CCGFH-2.5
CCGMH-4.0	CCGFH-4.0
CCGMH-6.0	CCGFH-6.0
CCGMH-10.0	CCGFH-10.0



线规	Φ	剥线长度
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
10 mm ²	AWG 8	4.3 15 mm

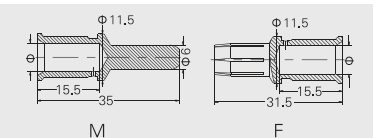
70A 冷压接插针, 适用于HM插芯
Crimp contacts 70A for HM inserts

接触电阻≤0.5mΩ
Contact resistance≤0.5mΩ

镀银/Silver plated



公/Male	母/Female
CKSM70-6	CKSF70-6
CKSM70-10	CKSF70-10
CKSM70-16	CKSF70-16
CKSM70-25	CKSF70-25



线规	Φ	剥线长度
6 mm ²	3.5	15.5 mm
10 mm ²	4.3	15.5 mm
16mm ²	5.5	15.5 mm
25 mm ²	7	15.5 mm
电缆绞线依据 IEC 60 228-5		

100A 冷压接插针(采用冠簧接触), 适用于HK插芯
Crimp contacts 40A(with crown spring) for HK inserts

接触电阻≤0.3mΩ
Contact resistance≤0.3mΩ

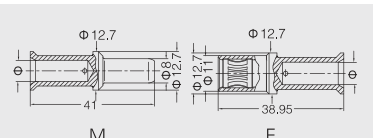
镀银/Silver plated



公/Male	母/Female
CKSM-10	CKSF-10G
CKSM-16	CKSF-16G
CKSM-25	CKSF-25G
CKSM-35	CKSF-35G

开槽结构/Slotted construction

CKSF-10
CKSF-16
CKSF-25
CKSF-35



线规	Φ	剥线长度
10 mm ²	4.3	19 mm
16mm ²	5.5	19 mm
25 mm ²	7	19 mm
35 mm ²	8.2	16 mm
电缆绞线依据 IEC 60 228-5		

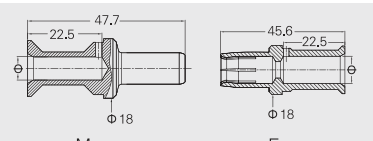
200A 冷压接插针, 适用于HM插芯
Crimp contacts 200A for HM inserts

接触电阻≤0.3mΩ
Contact resistance≤0.3mΩ

镀银/Silver plated

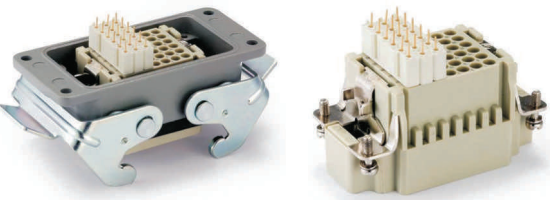


公/Male	母/Female
CHSM200-25	CHSF200-25
CHSM200-35	CHSF200-35
CHSM200-50	CHSF200-50
CHSM200-70	CHSF200-70



导线截面	Φ	剥线长度
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		

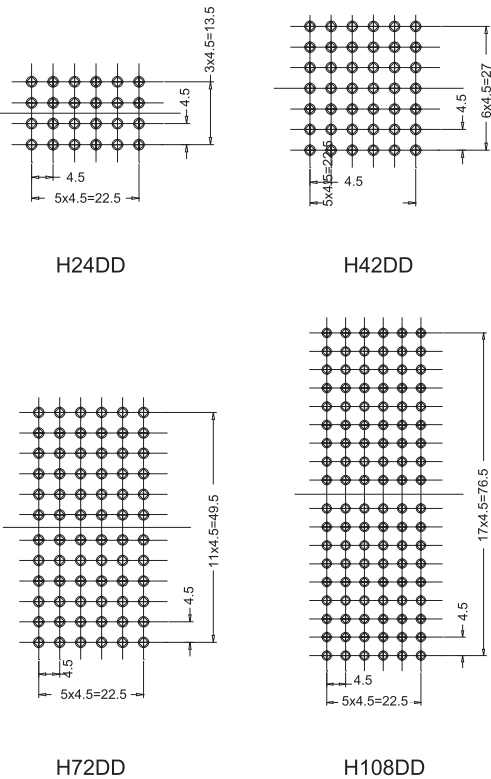
PCB 安装适配器 –HDD 连接体
HDD inserts with PCB–adapter



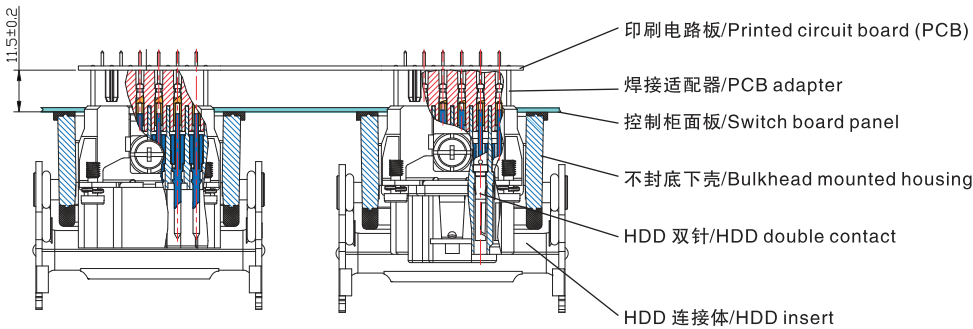
技术参数Technical characteristics

规范 / 认证Technical characteristics	
规范/Specifications	DIN EN 60 664 DIN EN 61 984
认证Approvals	
插芯/inserts	
接插体针数/Number of contacts	24,42,72,108
按照DIN EN 61984的电气数据/Electrical data acc. to EN 61 984	
工作电流/Rated current	7.5A
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 额定电压 /Rated voltage acc. to UL	250V
测试电压 Ueff/Testing voltage Ueff	2kV
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℃ ...+125℃
阻燃等级 94/Flammability acc. to UL 94	V0
可拔插次数/Mechanical working life(mating cycles)	≥500

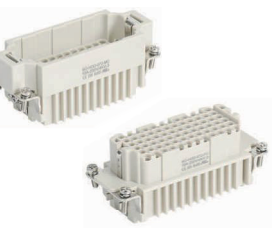
印刷电路板布置/Layout of PCB



装配示意图Assembly situation

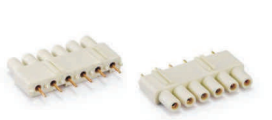


HDD 连接体 (插芯)/HDD insert



插芯/Insert	尺寸/Size	型号/Designation
公/Male	H6B	SO-HDD-024-MC
	H10B	SO-HDD-042-MC
	H16B	SO-HDD-072-MC
母/Female	H24B	SO-HDD-108-MC
	H6B	SO-HDD-024-FC
	H10B	SO-HDD-042-FC
	H16B	SO-HDD-072-FC
	H24B	SO-HDD-108-FC

焊接适配器/PCB adapter



描述/Description	型号/Designation
用于最大1.6mm 的印刷电路板 For PCBs up to 1.6mm	SO-APT-6DD16
用于最大2.4mm 的印刷电路板 For PCBs up to 2.4mm	SO-APT-6DD24

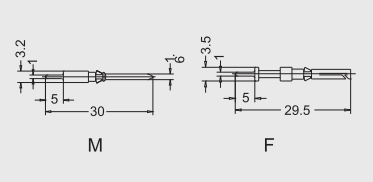
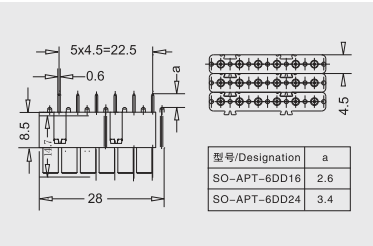
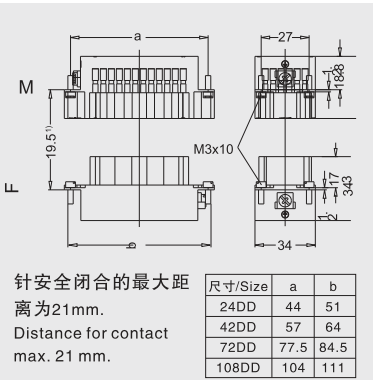
HDD 双针用于连接印刷电路板适配器
HDD double contact



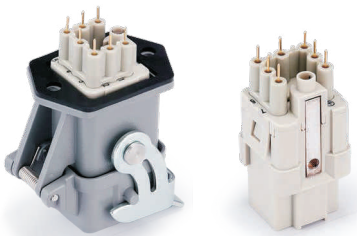
插芯/Insert	型号/Designation
公/Male	SO-CDSM-P1.0
母/Female	SO-CDSF-P1.0

外壳/Hoods/Housings

上壳：参见 HDD 系列
Hoods: further information see chapter HDD
下壳：参见 HDD 系列的不封底下壳
Bulkhead mounted housings: further information see chapter HDD



PCB 安装适配器 -HQ-007/0 连接体
HQ-007/0 inserts with PCB-adapter

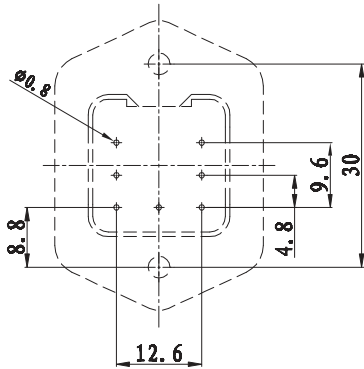


技术参数Technical characteristics

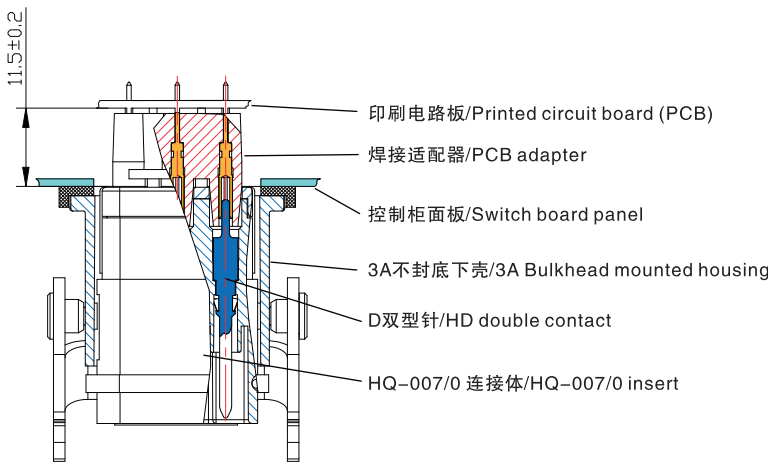
规范 / 认证Technical characteristics	
规范/Specifications	DIN EN 60 664 DIN EN 61 984
认证Approvals	
插芯/inserts	
接插体针数/Number of contacts	7
按照DIN EN 61984的电气数据/Electrical data acc. to EN 61 984	
工作电流/Rated current	7.5A
工作电压/Rated voltage	250V
额定脉冲电压/Rated impulse voltage	4kV
污染程度/Pollution degree	3
绝缘电阻/Insulation resistance	$\geq 10^{10} \Omega$
材料/Material	聚碳酸酯/polycarbonate
工作温度范围/Limiting temperatures	-40℃ ...+125℃
阻燃等级 94/Flammability acc. to UL 94	V0
可拔插次数/Mechanical working life(mating cycles)	≥ 500

印刷电路板布置/Layout of PCB

扩径: 0.8 mm



装配示意图Assembly situation



HQ-007/0 连接体 (插芯)
HQ-007/0 insert



插芯/Insert	型号/Designation
公/Male	SO-HQ-007/0-MC
母/Female	SO-HQ-007/0-FC

焊接适配器/PCB adapter



描述/Description	型号/Designation
用于最大2.4mm 的印刷电路板 For PCBs up to 2.4mm	SO-APT-Q7

D双型针用于连接印刷电路板适配器
HD double contact

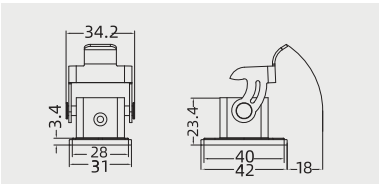
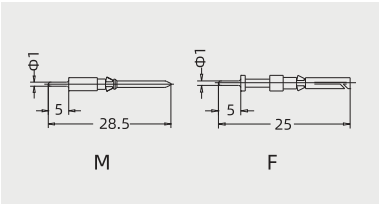
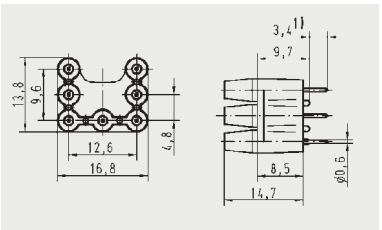
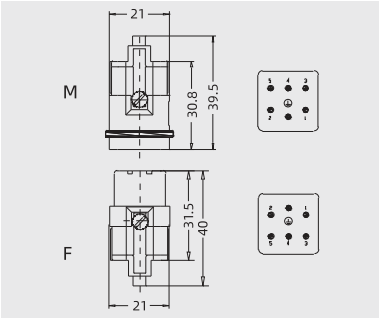


插芯/Insert	型号/Designation
公/Male	SO-CDSM-P1.0S
母/Female	SO-CDSF-P1.0S

3A 不封底下壳
3A Bulkhead mounted housings



螺纹/Thread	型号/Designation
—	SO-H3A-ST-1L

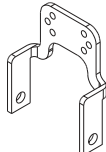
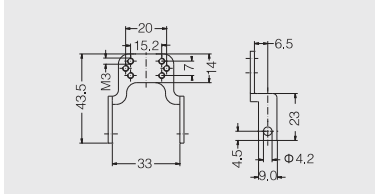
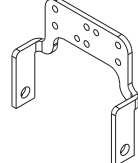
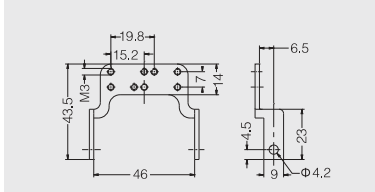
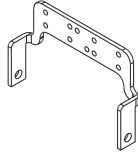
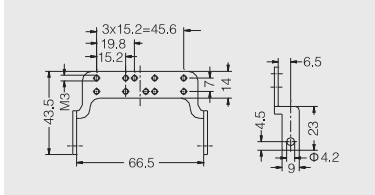
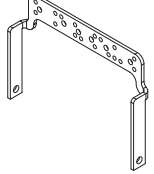
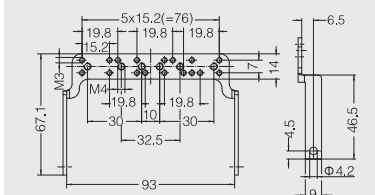
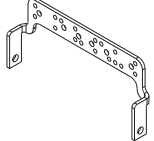
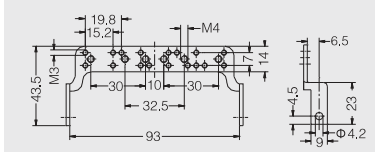
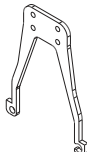
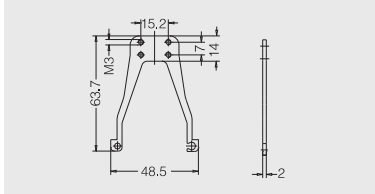
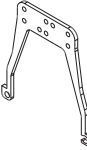
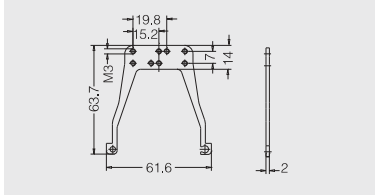


退针器 /Contact removal tools

D-sub退针器 D-sub Contact removal tools			
适用范围/Scope of application	型号/Type		
5A 冷压针/5A Crimp contacts	TL08		
HD退针器 HD Contact removal tools			
适用范围/Scope of application	型号/Type		
10A 冷压针/10A Crimp contacts 16A带三爪的公插针/16A Male contacts (with spring clip retention)	TL00		
HEE退针器 HEE Contact removal tools			
适用范围/Scope of application	型号/Type		
16A 冷压针/16A Crimp contacts	TL01		
送针器/Contact removal tools			
适用范围/Scope of application	型号/Type		
10A/16A辅助装针工具 10A/16AAuxiliary needle loading tool	TL15		
退针器/Contact removal tool			
适用范围/Scope of application	型号/Type		
40A冷压针/ 40A Crimp contacts	TL06G		
冷压钳/ Crimping tool			
压接线径/Wire gauge (mm ²)	型号/Type		
0.14-4mm ²	TL03		
10A/16A冷压钳 10A/16A Crimping tool			
压接线径/Wire gauge (mm ²)	型号/Type		
0.14-4mm ² 1.5-6mm ²	TL02 TL02-0		
10A/16A/40A冷压钳 10A/16A/40A Crimping tool			
压接线径/Wire gauge (mm ²)	型号/Type		
0.14-4mm ² 1.5-6mm ² 4/6/10mm ²	TL02G TL02-0G TL02-3G		

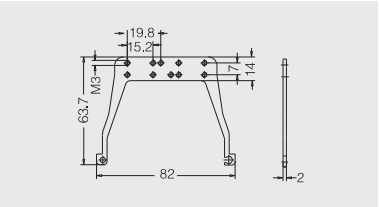
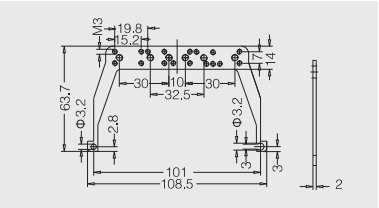
固线板 Groud terminal

固线板-标准(装配在HE,HEE,HDD插芯,用于不封底下壳或高结构上壳)
Ground terminal-standard(for HE/HEE/HDD inserts in housings and hoods,high construction)

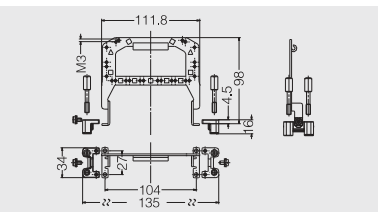
	规格/Size 6B	型号/Type B6B-PE	
	规格/Size 10B	型号/Type B10B-PE	
	规格/Size 16B	型号/Type B16B-PE	
	规格/Size 24B	型号/Type B24B-PE	
	规格/Size 24B	型号/Type B24B-PES	
固线板-模块框架型(装配在HM模块框架, 用于不封底下壳) Ground terminal-for hinged frame(for HM frames in bulkhead mounting housings)			
	规格/Size 6B	型号/Type M6B-PE	
	规格/Size 10B	型号/Type M10B-PE	

固线板/把手版/螺栓适配器/卡环 Fixing plate / handle plate / bolt adapter / snap ring

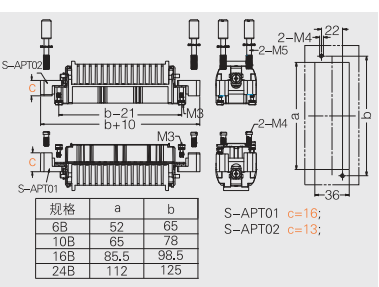
固线板-模块框架型(装配在HM模块框架，用于不封底下壳)
Ground terminal-for hixed frame(for HM frames in bulkhead mounting housings)

规格/Size	型号/Type	
6B	M16B-PE	
24B	M24B-PE	

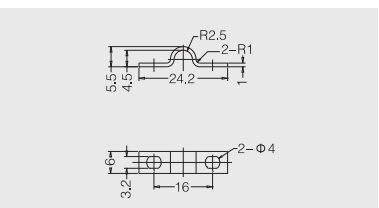
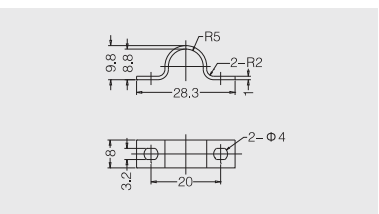
把手板-带螺栓适配器和螺栓
Grip frame-with screw adaptor and screw

规格/Size	型号/Type	描述	
24B	GB-24B	蓝色部分	
24B	GB-24B-APT	带适配器	

螺栓适配器/screwadaptor

规格/Size	型号/Type	描述	
---	S-APT01	蓝色部分	
---	S-APT02	蓝色部分	

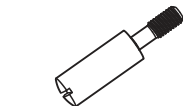
卡环/Clamps-for ground terminals

规格/Size	型号/Type	
---	CL-4.5-PE	
---	CLP-10-PE	

编码 Coding

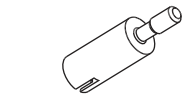
用编码销编号
Coding system with code pins

编码销/code pins



型号/Type
CODE-M3/S

模块型编码销
Modular code pins

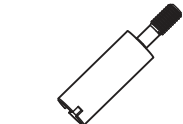


型号/Type
MCODE-M3/S

“/s” -不锈钢材质/ “/s” -stainless steel

用导向销和导向孔编号
Coding system with guide pins/bushes

导向孔/Guide bush



型号/Type
GBUSH-M3/S

导向销/Guide pins



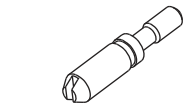
型号/Type
GPIN-M3/S

模块型导向孔
Modular guide bush



型号/Type
MGBUSH-M3/S

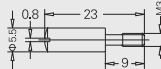
模块型导向销
Modular guide pins



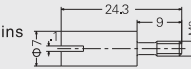
型号/Type
MGPIN-M3/S

“/s” -不锈钢材质/ “/s” -stainless steel

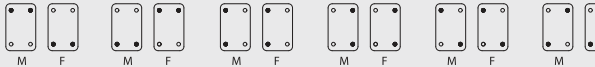
编码销
code pins



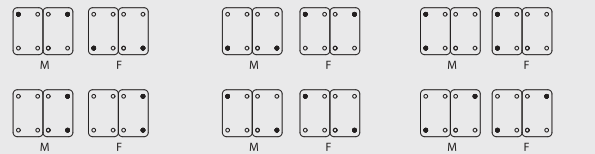
模块型编码销
Modular code pins



适用于可安装一个插芯或框架的外壳
for hoods/housings with one insert/one frame

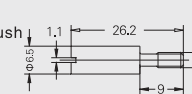


适用于可安装一个插芯或框架的外壳
for hoods/housings with two insert/two frame

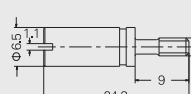


- 编码销/code pins
- 正常螺丝/Normal mounting screw
- M-公插芯/M-Male insert
- F-母插芯/F-Female insert

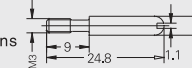
导向孔
Guide bush



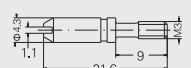
模块型导向孔
Modular guide bush



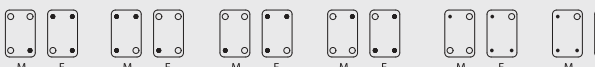
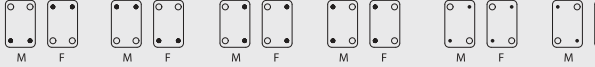
导向销
Guide pins



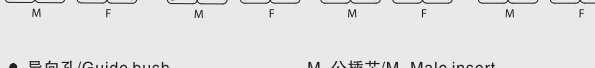
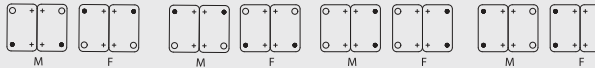
模块型导向销
Modular guide pins



适用于可安装一个插芯或框架的外壳
for hoods/housings with one insert/one frame



适用于可安装一个插芯或框架的外壳
for hoods/housings with two insert/two frame



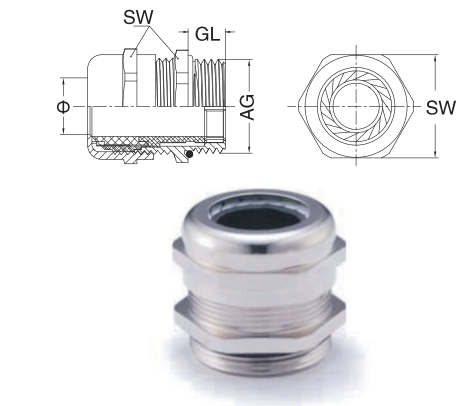
- 导向孔/Guide bush
- 导向销/Guide pins
- +
- M-公插芯/M-Male insert
- F-母插芯/F-Female insert
- 正常螺丝/Normal mounting screw

电缆接头 Cable gland

普通金属防水电缆接头
Metal cable gland

材 料：黄铜镀镍
密 封 件：尼龙6和丁腈橡胶
防护等级：IP68(在使用O型圈的情况下)
温度范围：静态：-40℃...+100℃
 动态：-20℃...+80℃

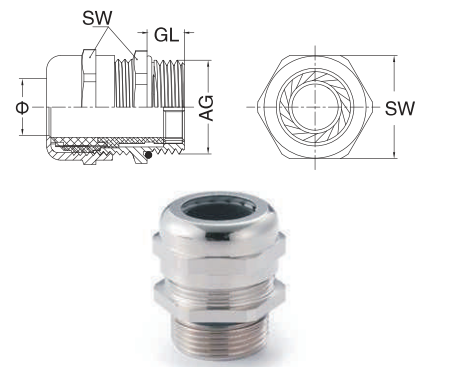
Material：Nickel-plate brass
Sealing：Nylon and NBR
Degree of protection：IP68(with O-sealing)
Temperature range：Stat：-40℃...+100℃
 Dyn：-20℃...+80℃



加长型金属防水电缆接头
Metal cable gland-extra length

材 料：黄铜镀镍
密 封 件：尼龙6和丁腈橡胶
防护等级：IP68(在使用O型圈的情况下)
温度范围：静态：-40℃...+100℃
 动态：-20℃...+80℃

Material：Nickel-plate brass
Sealing：Nylon and NBR
Degree of protection：IP68(with O-sealing)
Temperature range：Stat：-40℃...+100℃
 Dyn：-20℃...+80℃



螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
PG制螺纹/PG Thread				
PG7	3-6.5	12.5	14	6
PG9	4-8	15.2	17	6.5
PG11	4-8	18.6	20	7
PG11	5-10	18.6	20	7
PG13.5	6-12	20.4	22	7.5
PG16	8-14	22.5	24	7
PG21	13-18	28.3	30	8
PG29	18-25	37.0	40	9
PG36	22-32	47.0	50	12
PG42	31-38	54.0	57	12
PG48	37-44	59.3	65	12
M公制螺纹/Metric Thread				
M12x1.5	3-6.5	12	14	6
M14x1.5	3-6.5	14	14	6
M16x1.5	4-8	16	17	6.5
M16x1.5	5-10	16	20	6
M18x1.5	5-10	18	20	7
M20x1.5	4-8	20	22	8
M20x1.5	6-12	20	22	8
M20x1.5	8-14	20	24	8
M22x1.5	8-14	22	24	7.5
M25x1.5	9-16	25	27	7.5
M25x1.5	13-18	25	30	7.5
M32x1.5	15-22	32	35	8.5
M32x1.5	18-25	32	40	8.0
M40x1.5	18-25	40	45	12
M40x1.5	22-32	40	50	12
M50x1.5	22-32	50	57	12
M50x1.5	31-38	50	57	12
M63x1.5	37-44	63	65	12

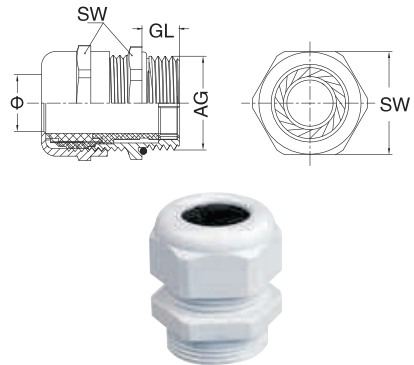
螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
M公制螺纹/Metric Thread				
M25x1.5	9-16	25	27	12
M25x1.5	13-18	25	30	12
M32x1.5	15-22	32	35	12
M32x1.5	18-25	32	40	12
M40x1.5	22-32	40	50	15

电缆接头 Cable gland

普通塑料防水电缆接头
Plastic cable gland

材 料：尼龙
密 封 件：丁腈橡胶
防护等级：IP68(在使用O型圈的情况下)
温度范围：静态：-40℃...+100℃
 动态：-20℃...+80℃

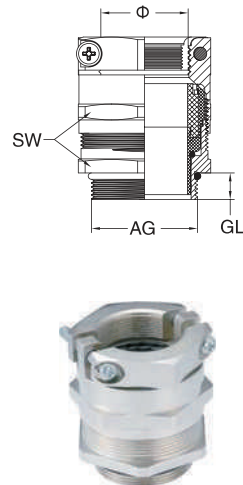
Material：Nylon
Sealing：NBR
Degree of protection：IP68(with O-sealing)
Temperature range：Stat：-40℃...+100℃
 Dyn：-20℃...+80℃



双锁紧型金属电缆接头
Gland with external strain relief via calmping jaws

材 料：黄铜镀镍(外壳),尼龙PA66(芯套)
防护等级：IP68(在使用O型圈的情况下)

Material：Nickel-plate brass,Nylon
Degree of protection：IP68(with O-sealing)



螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
PG制螺纹/PG Thread				
PG7	3-6.5	12.5	15	8.5
PG9	4-8	15.2	19	8.0
PG11	5-10	18.6	22	8.0
PG13.5	6-12	20.4	24	10
PG16	8-14	22.5	27	10
PG21	13-18	28.3	33	11
PG29	18-25	37.0	42	11
PG36	22-32	47.0	52	13
PG42	32-38	54.0	60	15
PG48	37-44	59.3	65	14.0
M公制螺纹/Metric Thread				
M12x1.5	3-6.5	12	15	8
M16x1.5	4-8	16	19	8
M20x1.5	5-10	20	24	9
M20x1.5	6-12	20	24	9
M22x1.5	8-14	22	27	10
M25x1.5	13-18	25	33	11
M32x1.5	18-25	32	42	11
M40x1.5	22-32	40	51	13
M50x1.5	31-38	50	60	13
M63x1.5	37-44	63	65	14

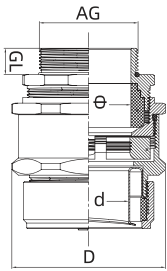
螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
PG制螺纹/PG Thread				
PG9	4-8	15.2	17	7
PG11	5-10	18.6	22	7
PG13.5	6-12	20.4	22	8
PG16	10-14	22.5	24	7.5
PG21	13-18	28.3	30	8
PG29	18-25	37.0	40	9
PG36	22-32	47.0	50	12
PG42	30-38	54.0	57	12
M公制螺纹/Metric Thread				
M16x1.5	4-8	16	18	6.5
M16x1.5	5-10	16	22	6
M20x1.5	6-12	20	22	7.5
M25x1.5	10-16	25	27	8
M25x1.5	13-18	25	30	7.5
M32x1.5	16-22	32	35	8.5
M32x1.5	18-25	32	40	8
M40x1.5	22-30	40	45	12
M40x1.5	22-32	40	50	12
M50x1.5	30-38	50	57	12

电缆接头 Cable gland

双锁紧型金属电缆接头
Gland with external strain relief via calmping jaws

材 料：黄铜镀镍(外壳),尼龙PA66(芯套)
防护等级：IP68(在使用O型圈的情况下)

Material: Nickel-plate brass,Nylon
Degree of protection: IP68(with O-sealing)

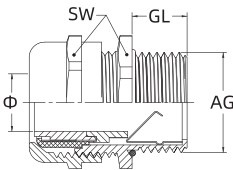


螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	配用软管(Φ) Fits to tubing size(d)	螺纹长度(GL) Thread length(GL)	外圆直径(D) External diameter(D)
M公制螺纹/Metric Thread				
M25x1.5	13-18	25	8	46
M40x1.5	22-32	38	10	70
M45x1.5	30-38	38	10	70

铝合金屏蔽电缆接头
Aluminum alloy EMC cable gland

材 料：铝合金
密封件：尼龙66和丁腈橡胶
防护等级：IP68(在使用O型圈的情况下)
温度范围：-40℃...+100℃

Material: Aluminum alloy
Sealing: Nylon 66 and NBR
Degree of protection: IP67 (with O-sealing)
Temperature range: - 40 C... + 100 C



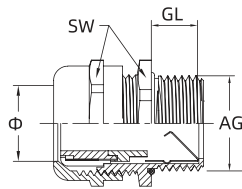
螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
M公制螺纹/Metric Thread				
M20x1.5	7-12	20	22	7
M25x1.5	7-14	25	27	9.5
M32x1.5	14-19	32	36	9.5
M32x1.5	15-22	32	36	9.5

电缆接头 Cable gland

电磁兼容金属防水接头
EMC Cable gland

材 料：黄铜镀镍
密 封 件：尼龙66和丁腈橡胶
防护等级：IP68(在使用O型圈的情况下)
温度范围：-40℃...+100℃,短时间可以达到120℃

Material : Nickel-plate brass
Sealing: Nylon and NBR
Degree of protection: IP68(with O-sealing)
Temperature range: -40℃...+100℃,
short-term120℃

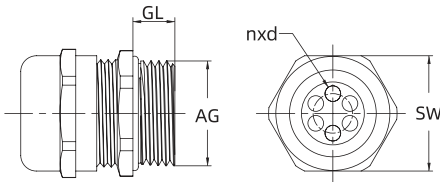


螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
PG制螺纹/PG Thread				
PG9	4-8	15.2	18	6
PG11	5-10	18.6	20	6
PG13.5	6-12	20.4	24	7
PG16	8-14	22.5	24	7
PG21	13-18	28.3	30	8
PG29	18-25	37.0	40	8
PG36	22-32	47.0	50	9
PG42	30-38	54.0	57	9
M公制螺纹/Metric Thread 14				
M12x1.5	3-6.5	12		5
M16x1.5	4-8	16	20	6
M18x1.5	5-10	18	20	6
M20x1.5	6-12	20	24	7
M24x1.5	8-14	24	27	7
M25x1.5	10-16	25	27	12
M25x1.5	13-18	25	30	13
M30x1.5	13-18	30	35	8
M32x1.5	15-22	32	40	13
M32x1.5	18-25	32	40	13
M36x2	18-25	36	40	8
M40x1.5	21-30	40	45	9
M40x1.5	22-32	40	50	9
M48x2	22-32	48	50	9
M50x1.5	30-38	50	57	9
M56x2	30-38	56	57	9
M63x1.5	37-44	63	65	10

多芯金属防水电缆接头
Metal cable gland with multi-core

材 料：黄铜镀镍
密 封 件：尼龙66和丁腈橡胶
防护等级：IP68(在使用O型圈的情况下)
温度范围：-40℃...+100℃,短时间可以达到120℃

Material : Nickel-plate brass
Sealing: Nylon and NBR
Degree of protection: IP65(with O-sealing)
Temperature range: -40℃...+100℃,
short-term120℃



螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
PG制螺纹/PG Thread				
PG9	2x3	15.2	17	6.7
PG21	4x6	28.3	30	8
PG21	3x7	28.3	30	8
PG21	2x6	28.3	30	8
PG21	2x7	28.3	30	8
PG21	2x8	28.3	30	8
PG29	4x9	37	40	9
PG36	5x9	47	50	12
M公制螺纹/Metric Thread				
M16x1.5	2x3	16	17	6.5
M20x1.5	6x3	20	22	8
M20x1.5	2x5	20	22	8
M25x1.5	2x7	25	30	7.5
M25x1.5	4x6	25	30	7.5
M25x1.5	3x7	25	30	7.5
M25x1.5	2x8	25	30	7.5
M32x1.5	4x9	32	40	8
M40x1.5	5x9	40	50	12
M40x1.5	2x15	40	50	12

电缆接头 Cable gland

多芯金属防水电缆接头-加长型
Metal cable gland with multi-core – extra length

材 料：黄铜镀镍
密 封 件：尼龙66和丁腈橡胶
防护等级：IP68(在使用O型圈的情况下)
温度范围：-40℃...+100℃,短时间可以达到120℃

Material：Nickel-plate brass
Sealing：Nylon and NBR
Degree of protection：IP65(with O-sealing)
Temperature range：-40℃...+100℃,
short-term120℃

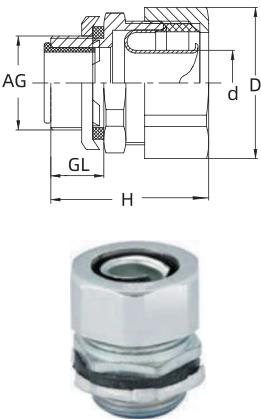


外螺纹金属软管接头
Outer thread tube connector

材 料：锌合金镀锌
密 封 件：一端连接软管,另一端由螺纹连接箱体
或设备,具有结构紧凑,耐腐蚀等特点
应用场合：电机、电缆桥架、电气工程安装、
电控箱等

Material：Zinc alloy,Zinc plated
Specialty：one end is connected to the flexible
tube, the other end with threadto the
switch chest or the device. The
structure is compact and the surface
has anti-corrosion function.

Applications：Electromotor, Cable bridge frame,
Electric engineering,
Electric control etc.



螺纹尺寸 Thread side	卡口范围(Φ) Clamping range(Φ)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)	螺纹长度(GL) Thread length(GL)
M公制螺纹/Metric Thread				
M25x1.5	4x6	25	30	12
M32x1.5	4x9	32	40	12
M40x1.5	5x9	40	50	15
M40x1.5	2x15	40	50	15

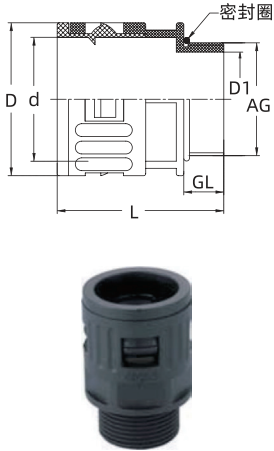
螺纹尺寸 Thread side	配用软管(Φ) Fits to tubing size(d)	螺纹长度(GL) Thread length(GL)	外圆直径(D) External diameter(D)	高度H Height(H)
PG制螺纹/PG Thread				
PG9	10	8.5	26	30
PG11	12	10.5	27.5	32
PG13.5	15	11.5	31.5	34
PG16	15	12.5	32	34
PG21	20	13.5	38	37
PG29	25	15	45.5	44
PG29	32	14	55	52
PG36	38	17	62	51
PG42	38	17	62	51
PG48	51	19	77.5	56
M公制螺纹/Metric Thread				
M16x1.5	8	8	24	28
M16x1.5	10	8	25.5	30
M20x1.5	12	10	27.5	32
M24x1.5	15	11.5	32	34
M25x1.5	20	12	37.5	37
M30x2.0	20	13	38	37
M32x1.5	20	12.5	37.5	37
M32x1.5	25	15	46	41
M36x2.0	25	13	45	44
M40x1.5	32	15	55	47

电缆接头 Cable gland

快速软管接头
Quick tube connector

材 料：尼龙6
温度范围：-40℃...+120℃120℃

Material：Nylon 6
Temperature range：-40℃...+120℃



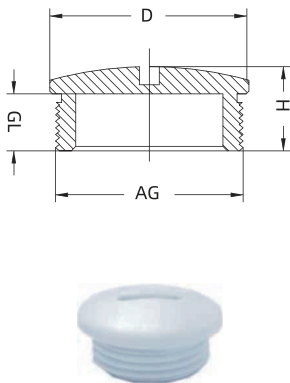
螺纹尺寸 Thread side	配用软管(Φ) Fits to tubing size(d)	螺纹长度(GL) Thread length(GL)	内孔D1 Bore(D1)	外圆直径(D) External diameter(D)	总长(L) Total length(L)
PG制螺纹/PG Thread					
PG7	AD10.0	9.5	7.5	17.0	34.5
PG9	AD13.0	9.5	11.5	20.0	34.5
PG11	AD15.8	9.5	14.0	23.0	36.0
PG13.5	AD18.5	11.0	16.0	26.0	39.0
PG16	AD21.2	13.0	18.0	29.5	44.0
PG21	AD28.5	13.0	23.5	37.0	47.0
PG29	AD34.5	11.5	30.5	43.5	47.0
PG36	AD42.5	13.5	40.0	51.0	52.0
M公制螺纹/Metric Thread					
M12x1.5	AD10.0	10.0	8.0	17.0	34.5
M16x1.5	AD13.0	9.5	11.5	20.0	34.5
M18x1.5	AD15.8	9.5	14.0	23.0	36.0
M20x1.5	AD18.5	11.0	16.0	26.0	39.0
M20x1.5	AD21.2	13.0	15.0	29.5	44.0
M25x1.5	AD21.2	13.0	18.0	29.5	44.5
M25x1.5	AD28.5	13.0	20.5	37.0	47.0
M32x1.5	AD28.5	13.0	24.0	37.0	47.0
M40x1.5	AD34.5	11.0	30.0	43.5	48.0
M40x1.5	AD42.5	13.5	33.5	51.0	52.0
M50x1.5	AD54.5	13.5	42.5	63.5	53.5
M63x1.5	AD54.5	14.0	55.0	63.5	53.5

塑料蒙盖

Nylon plug

材 料：尼龙6
防护等级：IP68(在使用O型圈的情况下)
温度范围：-40℃...+100℃,短时间可以达到120℃

Material：Nylon 6
Temperature range：-40℃...+120℃
Degree of protection：IP68(with O-sealing)



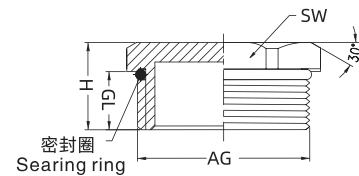
螺纹尺寸 Thread side	螺纹长度(GL) Thread length(GL)	高度(H) Height(H)	螺纹外径(AG) Thread diameter(AG)	外圆直径(D) External diameter(D)
PG制螺纹/PG Thread				
PG7	6.0	10.0	12.5	15.5
PG9	6.0	10.0	15.2	18.5
PG11	8.0	11.5	18.6	22.0
PG13.5	8.0	11.5	20.4	24.0
PG16	8.0	12.0	22.5	27.0
PG21	7.5	12.0	28.3	33.0
PG29	8.0	12.0	37.0	43.0
PG36	10.5	14.0	47.0	55.0
PG42	11.0	15.5	54.0	62.0
PG48	13.0	17.0	59.3	68.5
M公制螺纹/Metric Thread				
M12x1.5	6.0	10.0	12.0	15.0
M16x1.5	5.5	10.0	16.0	18.5
M20x1.5	8.0	11.5	20.0	25.0
M25x1.5	7.5	12.5	25.0	29.5
M32x1.5	9.0	13.5	32.0	39.0
M40x1.5	11.0	15.0	40.0	48.0
M50x1.5	12.0	18.0	50.0	61.5
M63x1.5	12.5	18.0	63.0	70.5

电缆接头 Cable gland

金属蒙盖
Metal plug

材 料：黄铜镀镍
防护等级：IP68(在使用O型圈的情况下)
温度范围：-40℃...+100℃,短时间可以达到120℃

Material: Nickel–plate brass
Temperature range: -40℃...+120℃
Degree of protection: IP68(with O–sealing)

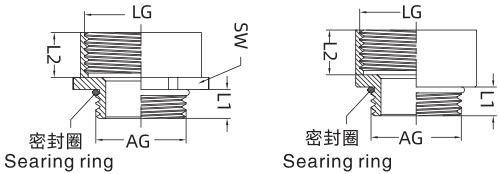


螺纹尺寸 Thread side	螺纹长度(GL) Thread length(GL)	高度(H) Height(H)	螺纹外径(AG) Thread diameter(AG)	扳手尺寸(SW) Wrench size(SW)
PG制螺纹/PG Thread				
PG7	5	8	12.5	14
PG9	6	9	15.2	18
PG11	6	10	18.6	20
PG13.5	7	10	20.4	22
PG16	7	10	22.5	24
PG21	7	11	28.3	30
PG29	8	13	37.0	40
PG36	8	13	47.0	50
PG42	9	15	54.0	55
PG48	10	17	59.3	65
M公制螺纹/Metric Thread				
M12x1.5	5	8	12	14
M16x1.5	6	9	16	18
M18x1.5	6	10	18	20
M20x1.5	6	9.5	20	22
M22x1.5	7	10	22	24
M24x1.5	7	11	24	27
M25x1.5	7	11	25	27
M32x1.5	7	11	32	35
M36x1.5	8	12	36	40
M40x1.5	8	13	40	45
M48x1.5	9	15	48	50
M50x1.5	9	13	50	55
M63x1.5	10	17	63	70

金属扩径环
Metal enlargement

材 料：黄铜镀镍
使用场合：适用于需要将螺纹直径扩大的场合
形状：圆形，六角

Material : Nickel–plate brass
Shape: Round, Hexagonal
Applications: Apply to the situation of the diameter need to be enlarged



六角金属扩径环 圆形金属扩径环
Hexagonal metal enlargement Round metal enlargement



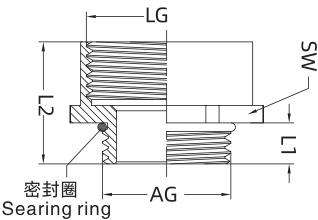
外螺纹(AG) Outside thread (AG)	内螺纹(LG) Inside thread(LG)	外螺纹长度(L1) Outside thread length(L1)	内螺纹长度(L2) Inside thread length(L2)	扳手尺寸(SW) Wrench size(SW)
PG制螺纹/PG Thread				
PG7	PG9	5.0/5.0	8.0/10.0	17
PG9	PG11	6.0/6.0	10.0/12.0	20
PG11	PG13.5	6.0/6.0	10.0/12.0	22
PG13.5	PG16	6.5/6.5	11.0/13.0	24
PG16	PG21	6.5/6.5	12.0/14.0	30
PG21	PG29	8.0/7.0	13.5/15.0	40
PG29	PG36	8.0/8.0	15.5/17.0	50
PG36	PG42	9.0/9.0	14.5/16.0	57
PG42	PG48	10.0/10.0	14.5/16.0	65
M公制螺纹/Metric Thread				
M12x1.5	M16x1.5	5.0/5.0	8.0/10.0	18
M16x1.5	M20x1.5	6.0/6.0	10.0/12.0	22
M20x1.5	M25x1.5	8.0/6.5	13.5/11.0	27
M25x1.5	M32x1.5	7.5/6.5	13.5/12.0	35
M32x1.5	M40x1.5	10.0/7.0	13.5/15.0	45
M40x1.5	M50x1.5	10.0/9.0	14.5/18.0	55
M50x1.5	M63x1.5	9.0/9.0	14.5/16.0	65

电缆接头 Cable gland

尼龙扩径环
Polyamide enlargement

材料：尼龙
颜色：灰白色
温度范围：-40℃...+100℃

Material: Polyamide
Color: Grey
Temperature range: -40℃...+100℃

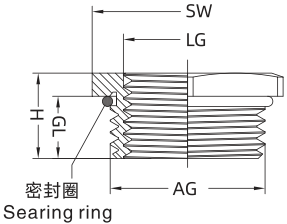


外螺纹(AG) Outside thread (AG)	内螺纹(LG) Inside thread(LG)	外螺纹长度(L1) Outside thread length(L1)	总长度(L2) Total length(L2)	扳手尺寸(SW) Wrench size(SW)
PG制螺纹/PG Thread				
PG7	PG9	8	20	19
PG9	PG11	10	24	22
PG11	PG13.5	8	23	24
PG13.5	PG16	8	25	27
PG16	PG21	10	27	30
PG21	PG29	11	32	42
PG29	PG36	11	35	52
PG36	PG42	13	42	60
PG42	PG48	15	65	65
M公制螺纹/Metric Thread				
M12x1.5	M16x1.5	8	22	20
M16x1.5	M20x1.5	10	27	27
M20x1.5	M25x1.5	8	25	30
M25x1.5	M32x1.5	11	30	36
M32x1.5	M40x1.5	15	34	45
M40x1.5	M50x1.5	13	37	55

金属减径环
Metal reducer

材料：黄铜镀镍
形状：六角
使用场合：适用于需要将螺纹直径减小的场合

Material: Nickel–plate brass
Shape: Round, Hexagonal
Applications: Apply to the situation of the diameter need to be reduced



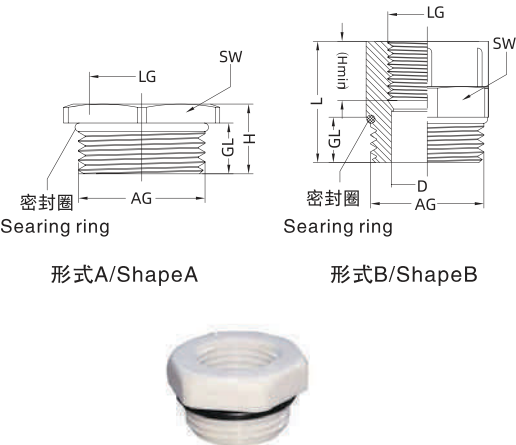
外螺纹(AG) Outside thread (AG)	内螺纹(LG) Inside thread(LG)	外螺纹长度(L1) Outside thread length(L1)	总长度(L2) Total length(L2)	扳手尺寸(SW) Wrench size(SW)
PG制螺纹/PG Thread				
PG9	PG7	6.0	9	17
PG11	PG9	7.0	11	20
PG13.5	PG11	7.0	10	22
PG16	PG13.5	7.0	11	24
PG21	PG16	7.0	11	30
PG29	PG21	8.0	13	40
PG36	PG29	9.0	13	50
PG42	PG36	9.0	15	57
PG48	PG42	10.0	15	65
M公制螺纹/Metric Thread				
M16x1.5	M12x1.5	6.0	9	17
M20x1.5	M16x1.5	7.0	10	22
M25x1.5	M20x1.5	7.0	10	27
M32x1.5	M25x1.5	8.0	11.5	35
M40x1.5	M32x1.5	9.0	13	42
M50x1.5	M40x1.5	9.0	14	57
M63x1.5	M50x1.5	11.0	14	65

电缆接头 Cable gland

尼龙减径环
Polyamide reducer

材料：尼龙66
颜色：灰白色
温度范围：-40℃...+100℃

Material：Polyamide
Color：Grey
Temperature range：-40℃...+100℃



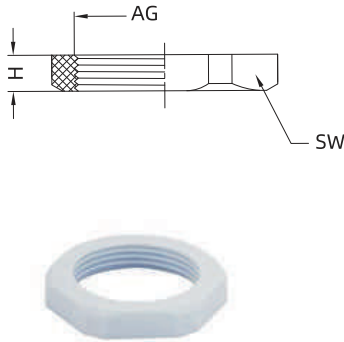
外螺纹(AG) Outside thread(AG)	内螺纹(LG) Inside thread(LG)	外螺纹长度(L1) Thread length(GL)	总长度(H) Total length(H)	扳手尺寸(SW) Wrench size(SW)	形式 Shape
PG制螺纹/PG Thread					
PG11	PG9	9	15	24	A
PG13.5	PG11	7.5	12	22	B
PG16	PG11	10	13	27	B
PG16	PG13.5	10.5	15	27	B
PG21	PG16	11	17	39	A
PG29	Pg21	11.5	17	39	A
M公制螺纹/Metric Thread					
M20x1.5	M16x1.5	9.5	15	24	A
M25x1.5	M20x1.5	10	17	27	A
M32x1.5	M20x1.5	11.5	17	39	A
M32x1.5	M25x1.5	11	17	39	A

电缆接头 Cable gland

尼龙螺母
Polyamide lock nut

材料：尼龙66
颜色：灰色,黑色
温度范围：-40℃...+100℃

Material：Polyamide
Color：Grey,Black
Temperature range：-40℃...+100℃

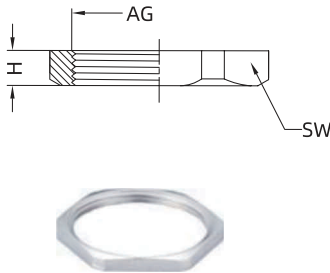


螺纹尺寸 Thread side	扳手尺寸(SW) Wrench size(SW)	厚度(H) Thickness(H)
PG制螺纹/PG Thread		
PG7	19	5.0
PG9	22	5.0
PG11	24	5.0
PG13.5	27	6.0
PG16	30	6.0
PG21	36	7.0
PG29	45	7.0
PG36	59	8.0
PG42	65	8.0
PG48	70	8.0
M公制螺纹/Metric Thread		
M12x1.5	19	5.0
M16x1.5	22	5.0
M18x1.5	24	5.0
M20x1.5	27	6.0
M22x1.5	30	6.0
M24x1.5	30	6.0
M25x1.5	32	7.0
M32x1.5	40	7.0
M40x1.5	49	8.0
M50x1.5	65	8.0
M63x1.5	74	8.0

金属螺母
Metal lock nut

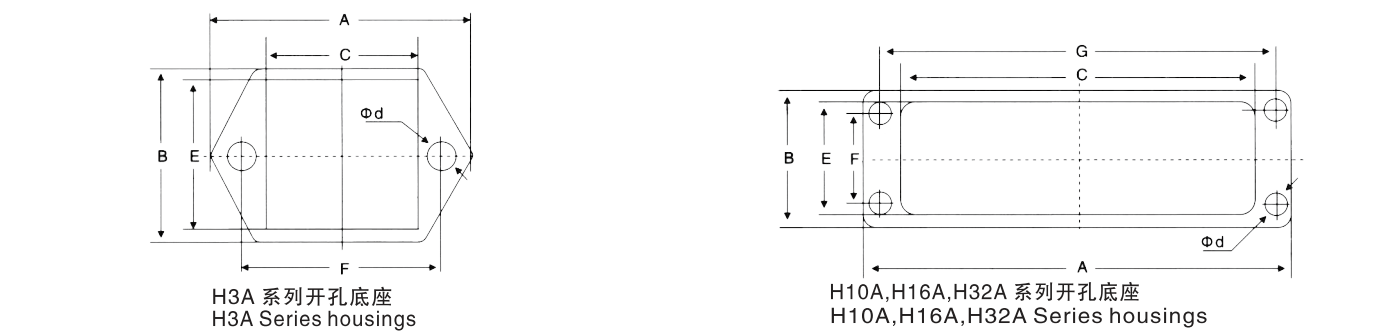
材料：黄铜镀镍
温度范围：-40℃...+100℃

Material：Nickel-plate brass
Temperature range：-40℃...+100℃

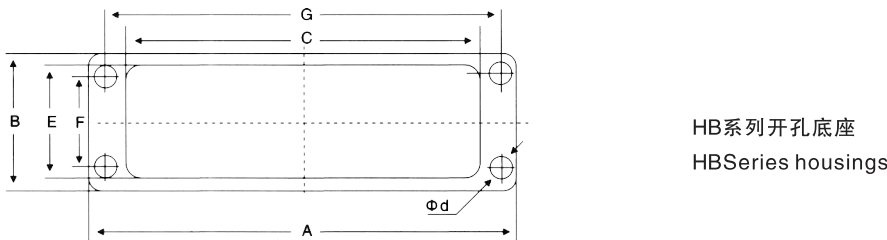


螺纹尺寸 Thread side	扳手尺寸(SW) Wrench size(SW)	厚度(H) Thickness(H)
PG制螺纹/PG Thread		
PG7	15	2.8
PG9	18	2.8
PG11	21	3.0
PG13.5	22	3.0
PG16	24	3.0
PG21	30	3.5
PG29	40	4.0
PG36	50	4.5
PG42	57	5.0
PG48	65	5.5
M公制螺纹/Metric Thread		
M12x1.5	15	2.8
M16x1.5	18	2.8
M20x1.5	22	3.0
M25x1.5	27	3.0
M32x1.5	35	3.5
M40x1.5	50	4.5
M50x1.5	57	5.0
M63x1.5	70	5.5

壳体底部安装尺寸图
Housing mounting dimensions



壳体型号 Housing type	安装形式 mounting type	尺寸/Dimensions(mm)						
		A	B	C	E	F	G	Φd
H3A	开孔安装/Bulkhead mountinging	40	28	22	22	30	—	3.3
	表面安装/Surface mountinging	40	28	—	—	30	—	3.3
H10A	开孔安装/Bulkhead mountinging	81	29.5	57	24	17.5	70	3.6
	表面安装/Surface mountinging	80	50	—	—	40	48	4.5
H16A	开孔安装/Bulkhead mountinging	96	29.5	73	24	17.5	86	3.6
	表面安装/Surface mountinging	96	50	—	—	40	64	4.5
H32A	开孔安装/Bulkhead mountinging	102	56	73	48	42	92	4.3
	表面安装/Surface mountinging	106	57	—	—	46	94	5.5



壳体型号 Housing type	安装形式 mounting type	尺寸/Dimensions(mm)						
		A	B	C	E	F	G	Φd
H6B	开孔安装/Bulkhead mountinging	80	43	48	35	32	70	4.3
	表面安装/Surface mountinging	82	52	—	—	40	70	5.5
H10B	开孔安装/Bulkhead mountinging	93	43	60	35	32	83	4.3
	表面安装/Surface mountinging	94	52	—	—	40	82	5.5
H16B	开孔安装/Bulkhead mountinging	113	43	82	35	32	103	4.3
	表面安装/Surface mountinging	117	57	—	—	45	105	5.5
H24B	开孔安装/Bulkhead mountinging	140	43	110	35	32	130	4.3
	表面安装/Surface mountinging	144	57	—	—	45	132	5.5
H32B	开孔安装/Bulkhead mountinging	124	89	86	71	65	110	5.5
	表面安装/Surface mountinging	124.5	81	—	—	67	112	5.5
H48B	开孔安装/Bulkhead mountinging	165	90	117	81	70	148	7
	表面安装/Surface mountinging	132	120	—	—	106	111	6.5

线束 Wiring Harness

线束简介

线束是电路中连接各电器设备的接线部件,由绝缘护套、接线端子、导线及绝缘包扎材料等组成。

WAIN客户定制线束:根据客户定制要求, 将我司的外壳、插芯、插针、电缆接头、线材以及相关零配件通过线束加工装配在一起形成客户定制的线束成品。

Overview of wiring harness

Wiring harness which is composed of insulating sheath, terminal blocks, wires and insulating banding materials is a connectingpart linking all electrical appliances within the same circuit.

WAIN customized wiring harness: Process and assemble the shells, cores, pins, cable glands, wire rods and otherrelated partsof our company to manufacture customized wiring harness meeting the clients’ requirements.

- 一、线束分类
- 根据线束所接连接器的数量, 可将客户定制线束分类为单端线束、两端线束、多端线束。
- 1、Clasification of wiring harness
- According to the quantity of connectors linking with the wiring harness, customized wiring harness can be classified into three categories, namely, single– ended wiring harness, double–ended wiring harness and multi–ended wiring harness.

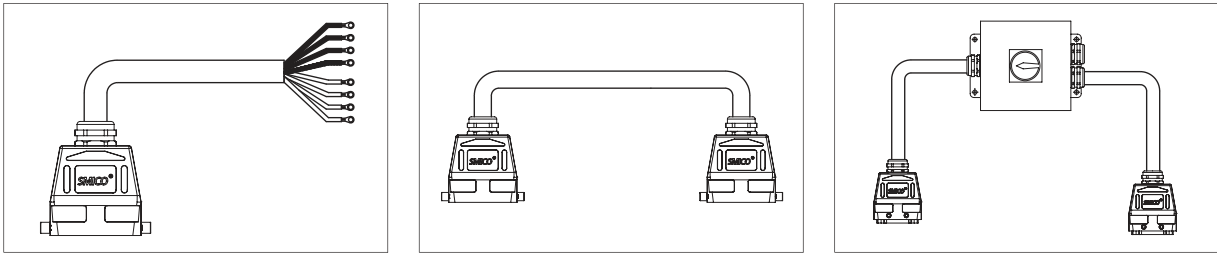


图-1/Drawing-1 图-2/Drawing-2 图-3/Drawing-3

单端线束:线束一端装配我司连接器, 尾端可压接端子、装配号码管或由客户自行处理; [图-1]

两端线束:线束两端装配我司连接器; [图-2]

多端线束:通过分线盒将线束分为多端或外壳增加出线口, 装配2个以上连接器。[图-3]

Single–ended wiring harness: One end of the wiring harness is equipped with connector of our Company, while the tail end can be crimped with terminals, equipped with cable marker or handled by the clients on their own. [drawing–1]

Double–ended wiring harness: Both ends of the wiring harness are equipped with connectors of our Company.[drawing–2]

Multi–ended wiring harness: Divide the wiring harness into multiple ends via junction box or add wire outlets at the shell, and equip the wiring harness with more than two connectors. [drawing–3]

- 二、线束线材
- 根据客户产品使用环境不同, 客户对线束的要求可将线束线材分为以下几款:
- 1、标准电线电缆:适用于客户对线束线材无明显特殊要求;
 - 2、电气安装电缆:适用于干燥或潮湿的室内, 特别是工业使用环境下的各种电气安装。截面在0.5mm²及以上的作为控制和连接软线还特别适合用在机床制造、成套设备安装工程、电站、暖气和空调安装等场合;(根据客户要求可有信号屏蔽功能)
 - 3、电梯井道固定安装电缆:适用于电梯井道的安装及固定敷设, 但不适用电梯随行电缆;
 - 4、控制电缆:适用于直流或交流50~60Hz、额定电压600/1000V及以下的控制、信号、保护及测量线路用。常用于电气控制系统和配电装置内; (根据客户要求可有信号屏蔽功能)
 - 5、耐油电缆:耐油特性, 适用于干燥或潮湿的室内, 无强应力缓释或强制引导的偶尔运动下的安装, 以及工业使用环境下偶尔弯曲移动场合, 如机床、木工、磨床等; (根据客户要求可有信号屏蔽功能)
 - 6、标准电源线:用于电源及照明系统。一般分为橡胶电源线和PVC电源线, 根据产品的使用地不同, 电源线必须符合相关国家的认证标准; (国内需符合3C认证、欧洲需符合VDE认证、CE认证、美国符合UL认证等等)

7、拖链电缆:具有高柔性和耐弯曲性，适用于频繁弯曲，无强应力缓释或强制引导的自由连续往复运动下的安装，特别是工业使用环境下的频繁弯曲场合，如木工机械、机床加工设备、物流输送系统、起重机场合等;(根据客户要求可有信号屏蔽功能)

电梯随行控制电缆:适用于电梯随行控制，用于长距离悬挂使用场合。

II. Wire rods of wiring harness

According to the different operating environment, wire rods of wiring harness can be divided into the following types in accordance with the requirements of clients. :

- 1、Standard electric wire: Applicable to clients who have no special requirements on the wire rods of wiring harness;
- 2、Electric installation cable: Applicable to dry or humid indoor environment, especially for various kinds of electrical installation in industrial environment. Such cable with a cross section of 0.5mm² or above can be used as control and connecting flexible wire, which is especially applicable to machine tool manufacturing, complete equipment installation, power station, heating installation and air conditioner installation. (It can be equipped with signal shielding functions according to clients’ requirements.)
- 3、Fixed installation cable for lift shaft: Applicable to the installation and fixed laying in lift shaft; however, it can not be used as traveling cable of lift.
- 4、Control cable: Applicable to control, signal, protection and measuring circuits with DC or AC 50– 60 Hz and with rated voltage .of 600/ 1000V and below. It is usually used in electrical control system and power distribution unit. (It can be equipped with signal shielding functions according to clients’ requirements.)
- 5、Oil–resistant cable: With oil–resistant feature, it is applicable to dry or humid indoor environment, installation with occasional moving but without slow release of strong stress or forced guiding. It also can be used in industrial environment with occasional bending and moving, such as machine tool, wood–working machine and grinding machine. (It can be equipped with signal shielding functions according to clients’ requirements.)
- 6、Standard power wire: inapplicable to power supply and illuminating system. In general, it can be categorized into rubber power wire and PVC power wire. According to the different using conditions, the power wire must conform to relevant national certification standards. (The power wire shall conform to China Compulsory Certification in China, VDE certification and CE certification in Europe and UL certification in USA, etc.)
- 7、Towline cable: With the features of high flexibility and anti–bending ability, the cable is applicable to the installation with frequent bending but without slow release of strong stress or free continuous reciprocating movement which is forcedly guided. In particular, it can be used in industrial environment with frequent bending, such as wood–working machine, machine tool, logistics transport system, crane, etc. (It can be equipped with signal shielding functions according to clients’ requirements.)

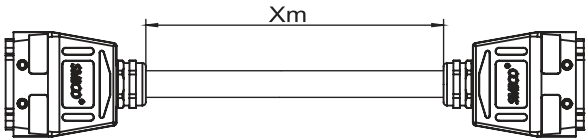
Traveling control cable of lift: Applicable to traveling control of lift and long– distance hanging.

线束产品订购流程
Ordering process for wiring harness products



线束长度自由选择/Free selection of wiring harness length

SMICO按照客户的需求进行制作，长度可自由指定，指定单位0.1m。
As SMICO products are manufactured according to the clients' requirements, the length can be designated with the unit as 0.1 m



线束选型指南/Guide on mode selection of wiring harness

简单五步骤完成选型

Five simple steps for model selection

第一步：连接器类型选择 1、Select insert	连接器类型 Type of inserts	芯数 Number of contacts	形状规格类型 Type	外形示意图 Diagrammatic drawing	电缆类型 Type of cable	指定长度 Designated unit
第二步：芯数选择 2、Select number of contacts	GCHA(HE、HVE、HEE、HD、HK、HM、HQ、HC)矩形冷压HA、HE...系列 GCHA(HE、HVE、HEE、HD、HK、HM、HQ、HC)Crimp terminal HA、HE...Series	2 3 46 ...	M(插针) M(male)		CCC	0.2–50m 指定单位0.1m 0.2–50m Designated unit 0.1m
			M(插孔) M(female)		CE	
			MM(插针·插针) MM(male·male)		UL	
第三步：连接器规格 3、Select specification of insert	GTHA(HE、HVE、HSB、HK、HEAV、HM、HQ、HC)矩形螺钉HA、HE...系列 GTHA(HE、HVE、HSB、HK、HEAV、HM、HQ、HC)Screw terminal HA、HE...Series	根据所需选择芯数 Select the number of contacts as required.	FF(插孔·插孔) FF(female·female)		VD	
第四步：线束外形 4、Select length	GTHA(HE、HVES、HM)矩形弹片HA、HE...系列 GTHA(HE、HVES、HM)Spring terminal HA、HE...Series		MF(插针·插孔) MF(male·female)		根据客户指定电缆 According to the cable designated by clients	
第五步：长度选择 5、Select length						

品质保证/Quality assurance

焊接加工的管控/Control on welding process

1、温度管理/Temperature management

焊接温度保持在350度，并做好记录保存。

The welding temperature shall be maintained at 350°C and records shall be kept.



2. 专业人员进行焊接作业

进行焊接作业者必须通过考核才能上岗，并且进行现场考核

3. 焊接加工的判定标准

焊接加工判定的检测重点以及不良加工示例

检测重点:

- ①.针位不可错焊
- ②.焊点外观圆滑,有光泽,无虚焊、拉尖、短路、掉锡等不良
- ③.线芯不可有烫伤、掐伤及裸线
- ④.连接器不可烫伤
- ⑤.连接器对接触点不可发生位移

2.The welding operation shall be conducted by professional staff.

People conducting welding operation must pass examination before engaging in such work, and onsite examination shall be carried out.

3, Judgment criterion for welding process.

Key points of inspection for welding process & examples of bad processing.

Key points of inspection:

- ①. The pin position shall be welded correctly.
- ②. The welding spot shall be smooth, glossy and without such defects as cold joint, icicle, short circuit and tin peeling.
- ③. The wire core shall be intact without bare wire or wound caused by burning or pinching.
- ④. The connector shall not be scalded.
- ⑤. The butt contact of connector shall not have any displacement.

焊接加工的管控/Control on welding process

1、压接加工工具/Crimping tools



2、合格判断标准/Judgment criterion

冷压机压接要求/Crimping requirements

- ①在检查孔和导线进入的终端之间的中间压接
- ②冷压压痕围绕插针且足够完全的深度

- ①. Before assembling the shell, check the intermediate crimping between the inspection hole and the terminal through which the wire enters into.
- ②. The indentation after crimping shall surround the pin with enough depth.

检查工位/Inspection stations

- ①外壳组装前检查/Inspection before assembling the shell
- ②外壳组装后检查/Inspection after assembling the shell
- ③出货检查/Inspection before delivery

矩形冷压式/Rectangular crimping type

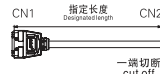
定制服务Customized service/压接Crimping /柜间接线Inter-cabinet wire

连接器选择：先选择插芯，根据插芯页码提示选择外壳，再选择电缆接头

自由长度/Free length

Selection of connector: Firstly, select the insert; secondly, select the suitable hood; lastly, select the cable gland.

图例/Identification

	连接器类型 Type of inserts	芯数 Number of contacts	外形示意图 Diagrammatic drawing	外壳 ¹⁾ Hoods & Housings ¹⁾	电缆类型 Type of cable	指定长度 Designated unit
	GCHA 矩形 · 冷压HA系列 GCHA Rectangular · Crimping HA Series			MC1D插针 · 单扣顶出型 MC2D插针 · 双扣顶出型 FC1D插针 · 单扣顶出型 FC2D插针 · 双扣顶出型 MCHD插针 · 高防护顶出型 MC1D male · 1 lever top-entry MC2D male · 2 lever top-entry FC1D Female · 1 lever top-entry FC2D Female · 2 lever top-entry MCHD male · hight top-entry		
	GCHE 矩形 · 冷压HE系列 GCHE Rectangular · Crimping HE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					
	GCHVE 矩形 · 冷压HVE系列 GCHVE Rectangular · Crimping HVE Series					

1) 两端线束: MC1C: 插针·单扣顶出型, MMC1D: 插针·插针·单扣顶出型, MFC1D: 插针·插孔·单扣顶出型;
多端线束或特殊产品请直接与我司线束部联系

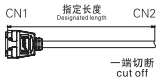
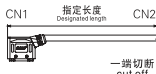
1) Double-ended wiring harness: MC1D: male 1 lever top-entry, MMC1D: male • male 1 lever top-entry, MFC1D: male • female • 1 lever top-entry;
for multi-ended wiring harness or special products, please directly contact the wiring harness department of our company.

矩形螺钉式/Rectangular Screwing type

定制服务Customized service/螺钉Screwing /柜间接线Inter-cabinet wire

自由长度/Free length Selection of connector:Firstly,select the insert; secondly,select the suitable hood; lastly,select the cable gland.

图例/Identification

连接器类型 Type of inserts	芯数 Number of contacts	外形示意图 Diagrammatic drawing	外壳 ¹⁾ Hoods & Housings ¹⁾	电缆类型 Type of cable	指定长度 Designated unit
GLHA 矩形・螺钉HA系列 GLHA Rectangular・ Screwing HA Series	2 3 46 ...		MC1D插针・单扣顶出型 MC2D插针・双扣顶出型 FC1D插针・单扣顶出型 FC2D插针・双扣顶出型 MCHD插针・高防护顶出型	CCC	0.2~50m 指定单位0.1m
GLHE 矩形・螺钉HE系列 GLHE Rectangular・ Screwing HE Series			MC1D male・1 lever top-entry MC2D male・2 lever top-entry FC1D Female・1 lever top-entry FC2D Female・2 lever top-entry MCHD male・hight top-entry		
GLHVE 矩形・螺钉HVE系列 GLHVE Rectangular・ Screwing HVE Series			MT1D插针・单扣顶出型 MT2D插针・双扣顶出型 FT1D插针・单扣顶出型 FT2D插针・双扣顶出型 MTHD插针・高防护顶出型		
GLHSB 矩形・螺钉HSB系列 GLHSB Rectangular・ Screwing HSB Series			MT1D male・1 lever top-entry MT2D male・2 lever top-entry FT1D Female・1 lever top-entry FT2D Female・2 lever top-entry MTHD male・hight top-entry		
GLHK 矩形・螺钉HK系列 GLHK Rectangular・ Screwing HK Series	根据所需选择芯数 Select the number of contacts as required.		MC1C插针・单扣侧出型 MC2C插针・双扣侧出型 FC1C插针・单扣侧出型 FC2C插针・双扣侧出型 MCHC插针・高防护侧出型	UL	0.2~50m 指定单位0.1m
GLHEAV 矩形・螺钉HEAV系列 GCHEAV Rectangular・ Screwing HEAV Series	MC1C male・1 lever side-entry MC2C male・2 lever side-entry FC1C Female・1 lever side-entry FC2C Female・2 lever side-entry MCHC male・hight side-entry		VD		
GLHM 矩形・螺钉HM系列 GLHM Rectangular・ Screwing HM Series			MT1C插针・单扣侧出型 MT2C插针・双扣侧出型 FT1C插针・单扣侧出型 FT2C插针・双扣侧出型 MTHC插针・高防护侧出型	根据客户指定电缆 According to the cable designated by clients	
GLHQ 矩形・螺钉HQ系列 GLHQ Rectangular・ Screwing HQ Series			MT1C male・1 lever side-entry MT2C male・2 lever side-entry FT1C Female・1 lever side-entry FT2C Female・2 lever side-entry MTHC male・hight side-entry		
GLHC 矩形・螺钉HC系列 GLHC Rectangular・ Screwing HC Series	根据客户指定电缆 According to the cable designated by clients		MT1C male・1 lever side-entry MT2C male・2 lever side-entry FT1C Female・1 lever side-entry FT2C Female・2 lever side-entry MTHC male・hight side-entry	根据客户指定电缆 According to the cable designated by clients	
GLHC 矩形・螺钉HC系列 GLHC Rectangular・ Screwing HC Series			MT1C male・1 lever side-entry MT2C male・2 lever side-entry FT1C Female・1 lever side-entry FT2C Female・2 lever side-entry MTHC male・hight side-entry		

1) 两端线束: MC1C: 插针·单扣顶出型, MMC1D: 插针·插针·单扣顶出型, MFC1D:插针·插孔·单扣顶出型;
多端线束或特殊产品请直接与我司线束部联系

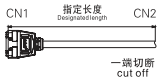
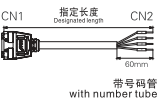
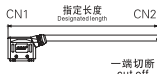
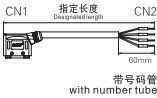
1) Double-ended wiring harness: MC1D:male 1 lever top-entry, MMC1D: male·male 1 lever top-entry,
MFC1D: male·female·1 lever top-entry;
for multi-ended wiring harness or special products, please directly contact the wiring harness department of our company.

矩形弹片式/Rectangular Spring type

定制服务Customized service/弹片Spring /柜间接线Inter-cabinet wire

自由长度/Free length Selection of connector:Firstly,select the insert; secondly,select the suitable hood; lastly,select the cable gland.

图例/Identification

连接器类型 Type of inserts	芯数 Number of contacts	外形示意图 Diagrammatic drawing	外壳 ¹⁾ Hoods & Housings ¹⁾	电缆类型 Type of cable	指定长度 Designated unit	
GTHA 矩形・弹片HA系列 GTHA Rectangular・ Spring HA Series	2 3 46 ...		MC1D插针・单扣顶出型 MC2D插针・双扣顶出型 FC1D插针・单扣顶出型 FC2D插针・双扣顶出型 MCHD插针・高防护顶出型 MC1D male・1 lever top-entry MC2D male・2 lever top-entry FC1D Female・1 lever top-entry FC2D Female・2 lever top-entry MCHD male・hight top-entry	CCC CE UL VD	0.2-50m 指定单位0.1m	
GTHE 矩形・弹片HE系列 GTHE Rectangular・ Spring HE Series			MT1D插针・单扣顶出型 MT2D插针・双扣顶出型 FT1D插针・单扣顶出型 FT2D插针・双扣顶出型 MTHD插针・高防护顶出型 MT1D male・1 lever top-entry MT2D male・2 lever top-entry FT1D Female・1 lever top-entry FT2D Female・2 lever top-entry MTHD male・hight top-entry			
GTHVE 矩形・弹片HVE系列 GTHVE Rectangular・ Spring HVE Series		根据所需选择芯数 Select the number of contacts as required.				MC1C插针・单扣侧出型 MC2C插针・双扣侧出型 FC1C插针・单扣顶侧出型 FC2C插针・双扣侧出型 MCHC插针・高防护侧出型 MC1C male・1 lever side-entry MC2C male・2 lever side-entry FC1C Female・1 lever side-entry FC2C Female・2 lever side-entry MCHC male・hight side-entry
GTHVES 矩形・弹片HVES系列 GTHVES Rectangular・ Spring HVES Series			MT1C插针・单扣侧出型 MT2C插针・双扣侧出型 FT1C插针・单扣顶侧出型 FT2C插针・双扣侧出型 MTHC插针・高防护侧出型 MT1C male・1 lever side-entry MT2C male・2 lever side-entry FT1C Female・1 lever side-entry FT2C Female・2 lever side-entry MTHC male・hight side-entry			
GCHM 矩形・弹片HM系列 GCHM Rectangular・ Spring HM Series				根据客户指定电缆 According to the cable designated by clients		

1) 两端线束: MC1C: 插针·单扣顶出型, MMC1D: 插针·插针·单扣顶出型, MFC1D:插针·插孔·单扣顶出型;
多端线束或特殊产品请直接与我司线束部联系

1) Double-ended wiring harness: MC1D:male 1 lever top-entry, MMC1D: male·male 1 lever top-entry,
MFC1D: male·female·1 lever top-entry;
for multi-ended wiring harness or special products, please directly contact the wiring harness department of our company.