

国家高新技术企业

证券代码: 834943

natconn[®]
纳特康

广东纳特康电子股份有限公司

GUANGDONG NATCONN ELECTRONIC CO.,LTD.

地 址: 广东省东莞市清溪镇青皇村葵青路45号

ADD: No.45 Kuiqing Road, Qinghuang Industrial Zone, Qingxi Town,
Dongguan City, Guangdong Province, China.

电 话(Tel): +86 769 89383011/12/13/14/15/16/17/18

传 真(Fax): +86 769 89383020

网 址(Web): www.natconn.com

Email: sales@natconn.com oversea@natconn.com

深圳市纳特康电子有限公司

SHENZHEN NATCONN ELECTRONIC CO.,LTD.

地 址: 深圳市龙岗区黄阁路天安数码创新园2栋A座704

ADD: Tianan Road, Cyber Park, Huang Ge North Road, Long Gang Central,
Shenzhen City, Guangdong Province, China.

电 话(Tel): +86 755 89239840

传 真(Fax): +86 755 89239843

网 址(Web): www.natconn.com

Email: sales@natconn.com oversea@natconn.com



Electronic Connectors

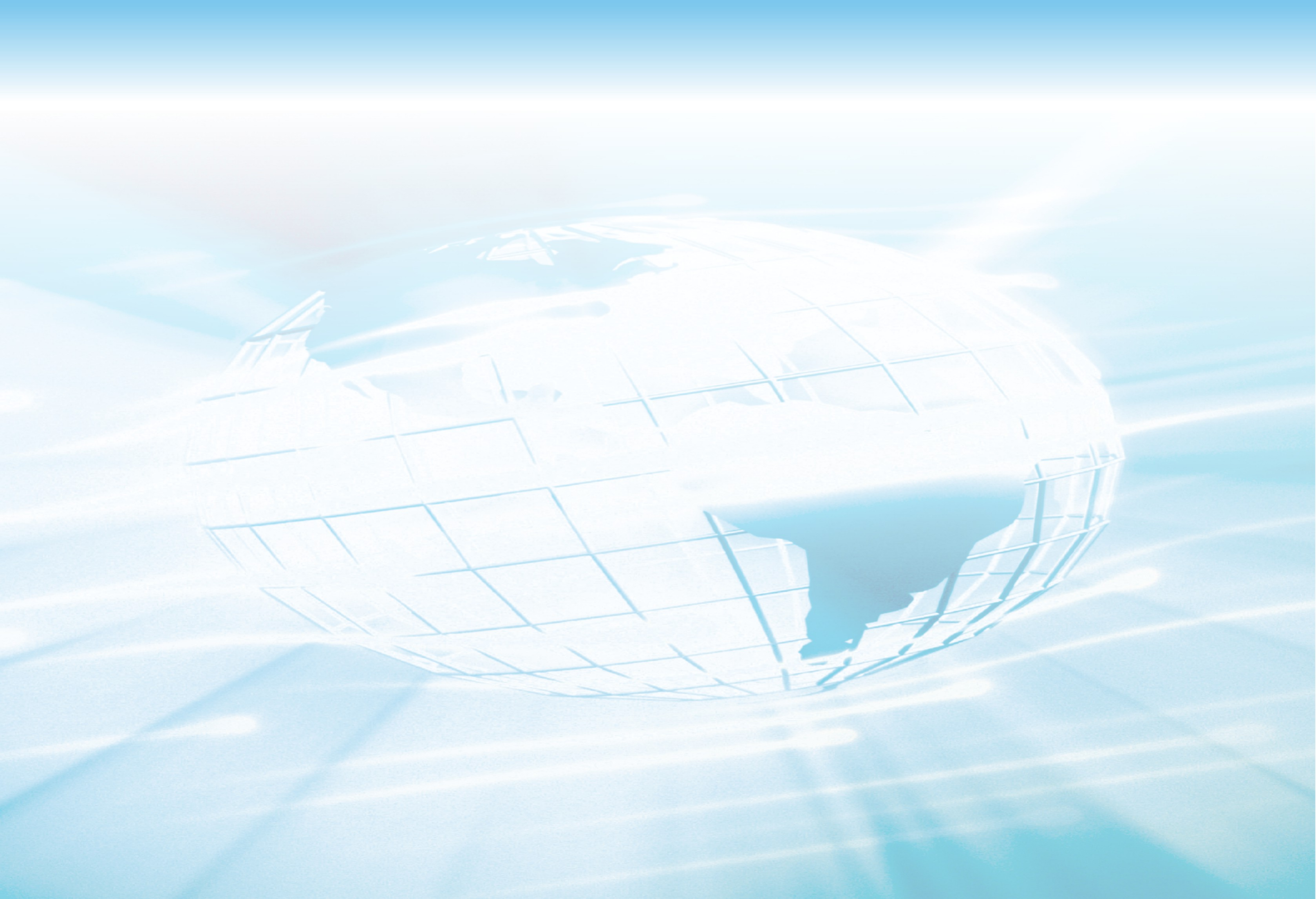
Terminal Blocks

Heavy Duty Connectors

Electronic Cables

广东纳特康电子股份有限公司

GUANGDONG NATCONN ELECTRONIC CO.,LTD.



产品概述 Product overview

natconn 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装置或设备中。公司在产品设计制造过程中，拥有大批的高新技术人才，他们在连接器行业已从事数余年，具有良好的专业素质和丰富的专业知识。并不断吸纳世界工业连接器行业最先进的技术和行业规范标准。能够为客户提供高品质的产品。目前公司产品有螺丝连接型，弹片连接型，冷压连接型等系列产品，能够满足不同领域的电气和信号连接。

natconn heavy-duty connectors are extensively used in mold, machinery manufacturing, construction machinery, textile machinery, transportation technology, electric energy, electric locomotive, communication technology and other devices or equipment which require electrical and signal connections . NATCONN absorb the most advanced technology and industry standards in the global industrial connector industry during the product design and manufacturing process, with a large number of high-tech talents, they have engaged in the connector industry for more than several years, with good professional quality and rich professional knowledge. Can provide high quality products for clients. At present, the company's products are Screw terminal, Spring terminal, crimp terminal series products, which can meet the electrical and signal connections in different fields.



主要部件(part 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 glands)
- 其他电缆接头(other cable gland)

电缆接头线
Cable clamp

2. 上壳(Hoods)

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

上壳
hoods

母插针

Female contacts

母接插体

Female insert

3. 公插针 母插针(Male insert or Female insert)

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

公接插体

Male insert

4. 冷压针(适用于冷压接线的插体)

- (Crimp contacts (only for crimp connection insert))
- 镀金或镀银(Golden plated or silver plated)
- 额定电流 (Current rating: 5A,10A,16A,40A)

公插针

Male contacts

5. 下壳(housings)

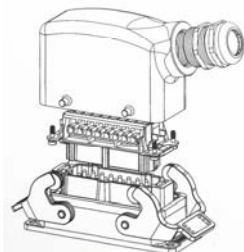
- 开孔安装, 表面安装或电缆对接
(Bulkhead mounting or surface mounting or cable to cable)
- 标准或高结构(Low or high construction)
- 1扣, 2扣或4耳(1 or 2 locking levers or bolts)
- 带塑料盖或者带金属盖或不带盖(with or without thermoplastic /metal covers)

下壳

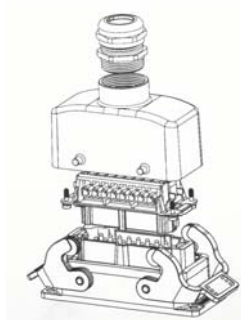
Housings

6. 附件(accessories)

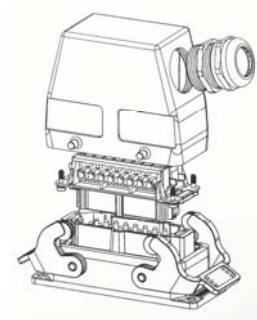
- 保护盖(Protective covers)
- 编码销(Code and guide pins for coding)
- 工具(tools)



开孔安装 (Bulkhead mounting)
侧面出线 (Side entry)



开孔安装 (Bulkhead mounting)
顶出线 (Top entry)

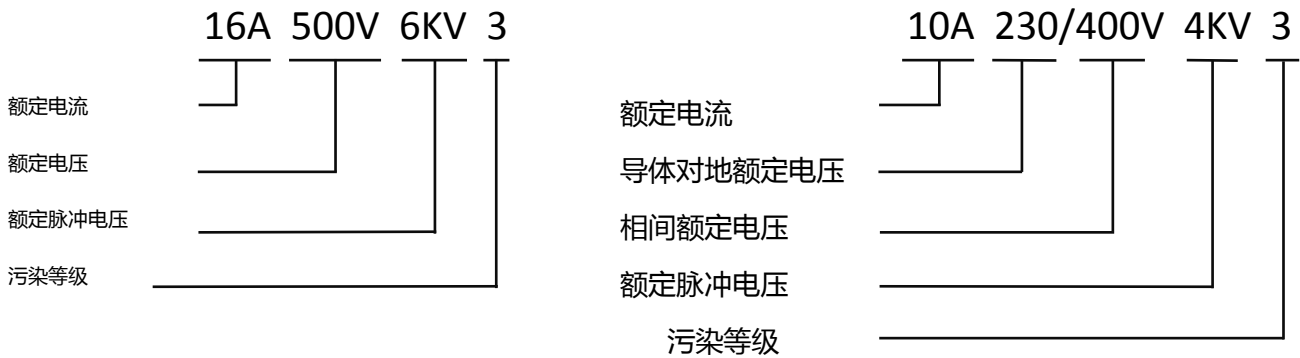


开孔安装 (Bulkhead mounting)
高结构, 侧面出线 (High structure ,Side entry)

技术信息 Technical information

电气数据说明

连接器的电气数据的说明是根据DIN EN 61984的制定的



用外壳保护连接器

连接器上的外壳和联锁扣保护了自身的针位置免受外部机械损伤，比如冲击、异物、灰尘、无意的接触、湿气、水或洗涤剂、冷却液、油等其它立方体的浸入。外壳所能提供的防护等级是由IEC 60 529或者DIN EN 60 529标准确定的，这些标准中包含了各种保护等级的划分情况。下图是保护等级一览表。按如下方式进行说明：

字母代号 Code letters 第一个数字 First Index figure 第二个数字 Second Index Figure
 (International Protection) (防固体异物保护 Foreign bodies protection) (防水保护 Water Protection)

IP

6

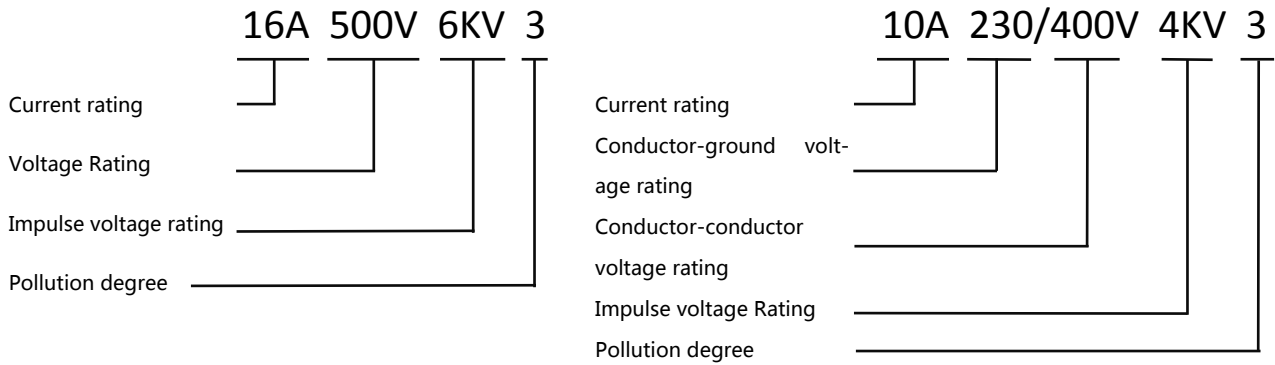
5

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	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
2	防中等异物保护	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°以内的任何角度)
3	防小件异物保护	防止工具、铁丝、等直径大于2.5mm的异物	3	防河水保护	防止来处垂直面60°以内任意角度的河水
4	防颗粒异物保护	防止工具、铁丝、等直径大于2.5mm的异物	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射水(从喷嘴射出)
6	防灰尘进入保护	全面防止接触,防止灰尘进入。	6	超强防淹水保护	防止所有方向的水(大量从喷水嘴射出的)
			7	防浸水保护	防暂时性的浸水
			8	防潜水保护	防止长时间浸没时加压水进入

Technical information

Electrical data

Electrical data for connectors are specified as per DIN EN 60 984



Housings connector insert protection

The connector's housing, sealing and locking mechanism protect the connection from influences such as mechanical shocks, foreign bodies, humidity, dust, water or other fluids such as cleansing and cooling agents, oils, etc. The degree of protection the housing offers is explained in the IEC 60 529, DIN EN 60 529, standards that categorize enclosures according to foreign body and water protection.

字母代号 Code letters **第一个数字 First Index figure** **第二个数字 Second Index Figure**
(International Protection) **(防固体异物保护 Foreign bodies protection)** **(Water Protection)**

IP

6

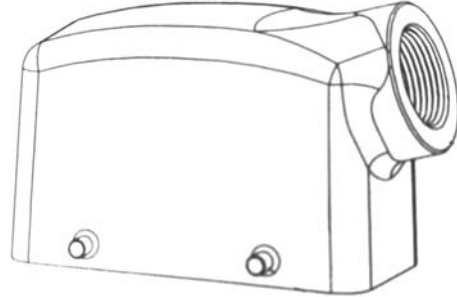
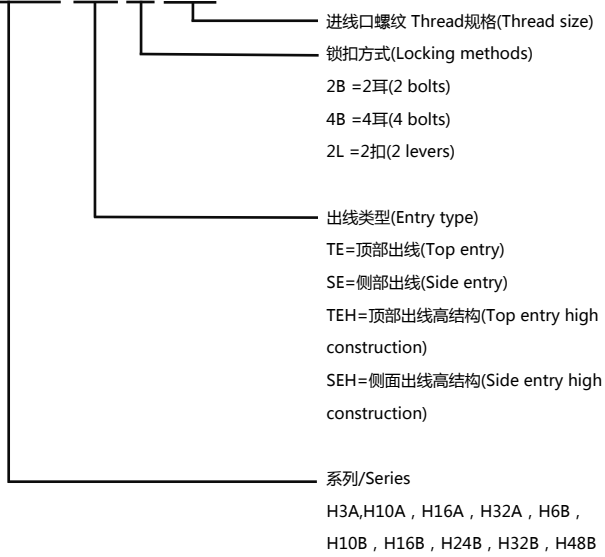
5

Index figure	Degree of protection		Index figure	Degree of protection	
0	No protection	No protection against accidental contact, no protection against foreign bodies	0	No protection against water	No protection against water
1	Protection against large foreign bodies	Protection against contact with any large area by hand and against large solid foreign bodies with $\Phi > 50\text{mm}$	1	Drip-proof	Protection against vertical water drips
2	Protection against medium sized foreign bodies	Protection against contact with the fingers, protection against solid foreign bodies with $\Phi > 12\text{mm}$	2	Drip-proof	Protection against water drips (up to a 15° angle)
3	Protection against small solid foreign bodies	Protection against tools, wires or similar objects with $\Phi > 2.5\text{mm}$, protection against small foreign solid bodies with $\Phi > 2.5\text{mm}$	3	Spray-proof	Protection against diagonal water drips (up to a 60° angle)
4	Protection against grain-shaped foreign bodies	Protection against tools, wires or similar objects with $\Phi > 1\text{mm}$, protection against small foreign solid bodies with $\Phi > 1\text{mm}$	4	Splash-proof	Protection against splashed water from all directions
5	Protection against injurious deposits of dust	Full protection against contact. Protection against interior injurious dust deposits	5	Hose-proof	Protection against water (out of a nozzle) from all directions
6	Protection against ingress of dust	Total protection against contact. Protection against penetration of dust	6	Strong hose-proof	Protection against strong water (out of a nozzle) from all directions
			7	Protection against immersion	Protection against temporary immersion
			8	Protected against high-pressure	Protection against watered pressure

产品型号描述说明 Explain for the part number

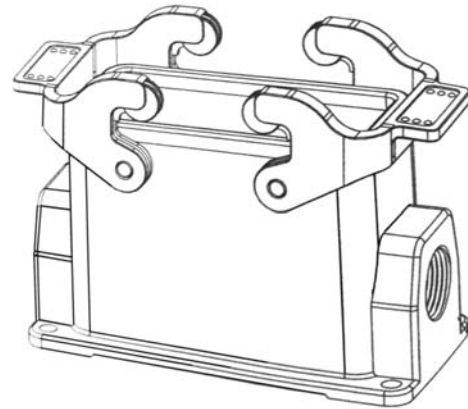
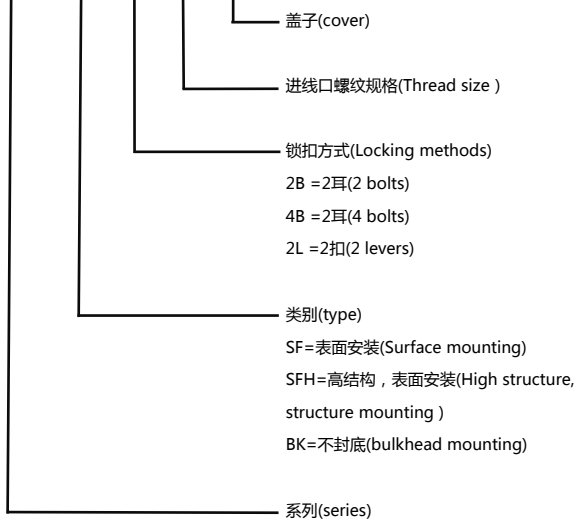
上壳(hoods)

H24B. P-SEH-4B-M32



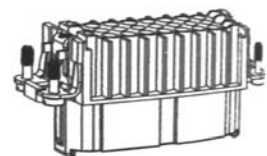
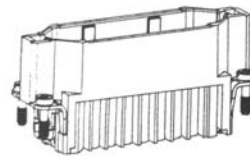
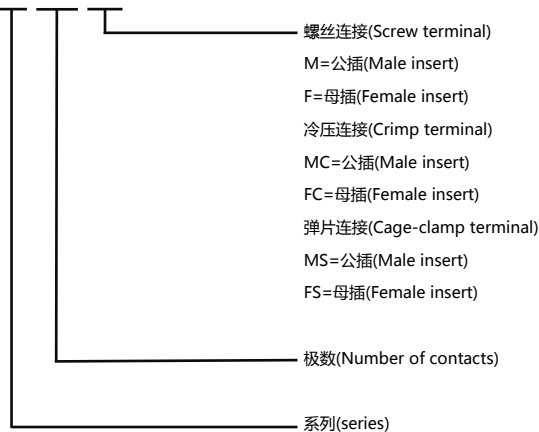
下壳(Housing)

H16B-SF/BK-2L-M32-CV



插芯 Inserts

HE-006-MC



目录Contents

电子连接器Electronic connector

系列 series	额定电压 Voltage Rating	额定电流 Current rating	插针数 Insert Number of contacts	接线方式Terminal	页码pages
HA系列 小型插芯 HA series	250V,230V, 400V	10A,16A	3P/4P/10P/16P+PE	螺丝连接,冷压连接 弹片连接 Screw terminal Crimp terminal Cage-clamp terminal	A1-A3
HE系列 常规型插芯 HE series	500V	16A	6P/10P/16P/24P/32P/48P+PE	螺丝连接,冷压连接 弹片连接 Screw terminal Crimp terminal Cage-clamp terminal	B1-B5
HVE系列 高电压型插芯 HVE series	400V,690V, 830V	16A	3P/6P/10P/12P/ 20P/32P+PE		C1-C3
HVE-016系列 高电压型插芯 HVE-016 series	400V,690V	16A	16P	螺丝连接,冷压连接 Screw terminal Crimp terminal	D1-D3
HVES系列 高电压型插芯 HVES series	400V,690V, 830V	10A	10P/18P/32P/46P/64P/92P+P E	弹片连接 Cage-clamp terminal	E1-E3
HEE系列 高密度型插芯 HEE series	500V,1000V	16A	10P/18P/32P/46P/64P/92P+P E	冷压连接 Crimp terminal	F1-F4
HD&HDD系列 超高密度插芯 HD&HDD series	250V,380V, 500V	10A	HD:7P/15P/25P/40P/64P+PE HDD:24P/42P/72P/108P+PE	冷压连接 Crimp terminal	G1-G7
HSB系列 大电流型插芯 HSB series	400V,690V	35A	6P+PE	螺丝连接Screw terminal	H1-H2
HM 系列 模块组合型插芯 HM series	50,160,250,400 ,500,690,830,1 150,2000,2900, 500V,光路,气路	5A~200A	2P/3P/4P/5P/6P/8P/9P/12P/1 7P/25P	螺丝连接,冷压连接,弹片连接 Screw terminal Crimp terminal Cage-clamp terminal	I1-I26
HQ系列 紧凑小体积型插芯 HQ series	230V,250V, 400V,500V	10A,16A,40A	5P/7P/12P+PE	螺丝连接,冷压连接 Screw terminal Crimp terminal	J1-J18
外壳(hoods)					
外壳(hoods)					K1-K19

HA系列

HA series

小型标准连接器

Compact standard connector



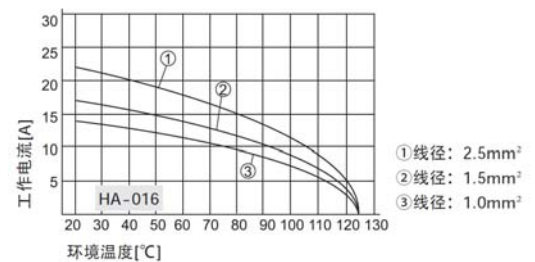
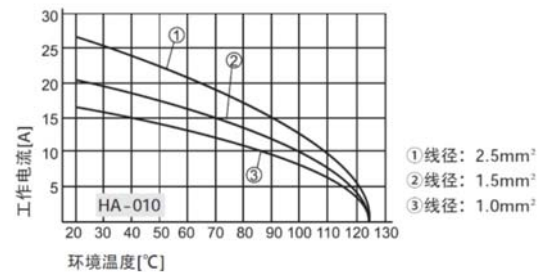
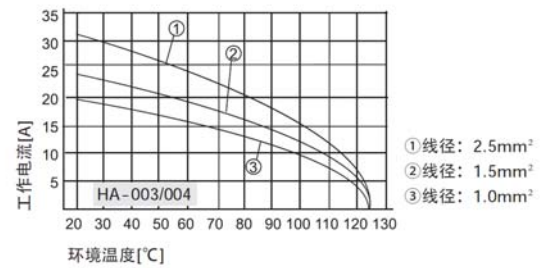
技术参数 Technical parameters



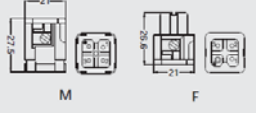

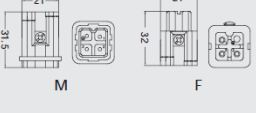


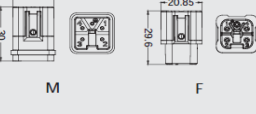

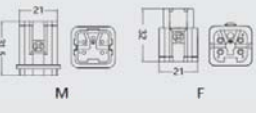


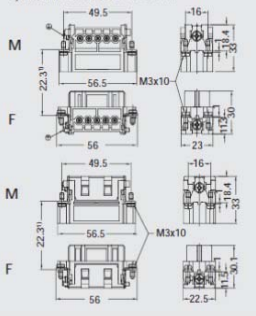



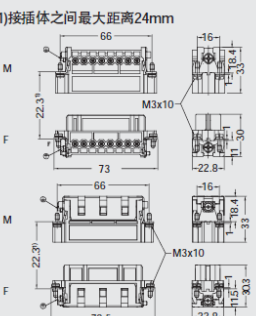



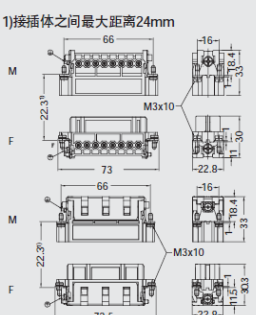

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	3,4,10,16,32+PE
按照 EN 61 984 的电气数据 Electrical data According to EN 61 984	
HA-003/HA-004	
额定电流 Current rating	10A
相对地额定电压 Conductor-ground voltage rating	230V
相间额定电压 Conductor-conductor voltage rating	400V
额定脉冲电压 Impulse voltage Rating	4KV
污染程度 Pollution degree	3
或 or	10A 250V 4KV 3
HA-010/HA-016	
额定电流 Current rating	16A
额定电压 Voltage Rating	230V
额定脉冲电压 Impulse voltage Rating	4KV
污染程度 Pollution degree	3
污染等级2时的参数 Parameters of degree 2 of pollution degree	10A 250V 4KV 3
依据UL/CSA额定电压 Voltage Rating according to UL/CSA	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥ 500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1m\Omega$
螺丝连接 Screw terminal	
导线规格 Wire specifications	1.0-2.5mm ²
AWG	26-14
拧紧/检查力矩 Tightening/Test torque	0.5Nm
剥线长度 stripping length	7.0mm
冷压连接 Crimp terminal	
导线规格 Wire specifications	0.14-4.0mm ²
AWG	26-12
剥线长度 stripping length	7.0mm
弹片连接 Cage-clamp terminal	
-导线规格 Wire specifications	0.14-2.5mm ²
-AWG	26-14
-剥线长度 stripping length	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含接插针的插接体可承受的最大温度
测试和控制过程依据DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)
03+ 	230/400V 10A	螺丝连接 Screw terminal	公 HA-003-M 母 HA-003-F		3A		
		弹片连接 Cage-clamp terminal	公 HA-003-MS 母 HA-003-FS				
04+ 		螺丝连接 Screw terminal	公 HA-004-M 母 HA-004-F		3A		
		弹片连接 Cage-clamp terminal	公 HA-004-MS 母 HA-004-FS				
10+ 	250V 16A 10+	螺丝连接 Screw terminal	公 HA-010-M 母 HA-010-F		10A		1)接插体之间最大距离24mm 
		冷压连接 Crimp terminal	公 HA-010-MC 母 HA-010-FC	16A 冷压针			
16+ 	250V 16A 16+	螺丝连接 Screw terminal	公 HA-016-M 母 HA-016-F		16A		1)接插体之间最大距离24mm 
		冷压连接 Crimp terminal	公 HA-016-MC 母 HA-016-FC	16A 冷压针			
32+ 	250V 16A 16+	螺丝连接 Screw terminal	公 HA-016-M 母 HA-016-F (17-32)		32A		1)接插体之间最大距离24mm 
		冷压连接 Crimp terminal	公 HA-016-MC 母 HA-016-FC (17-32)	16A 冷压针			

10A 冷压针

接触电阻 $\leq 3\text{m}\Omega$

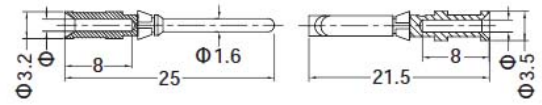
镀银



镀金



公	母
CDSM-0.37	CDSF-0.37
CDSM-0.50	CDSF-0.50
CDSM-0.75	CDSF-0.75
CDSM-1.00	CDSF-1.00
CDSM-1.50	CDSF-1.50
CDSM-2.50	CDSF-2.50
CDSM-3.00	CDSF-3.00
CDSM-4.00	CDSF-4.00
CDGM-0.37	CDGF-0.37
CDGM-0.50	CDGF-0.50
CDGM-0.75	CDGF-0.75
CDGM-1.00	CDGF-1.00
CDGM-1.50	CDGF-1.50
CDGM-2.50	CDGF-2.50
CDGM-3.00	CDGF-3.00
CDGM-4.00	CDGF-4.00



M

F

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

HE系列

HE series

最常规的标准连接器 Conventional standard connector



技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	6,10,16,24,32,48+PE
按照EN 61 984 的电气数据 Electrical data According to EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	500V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度 Pollution degree	3
污染程度2时的参数 Parameters of degree 2 of pollution degree	16A 400/690V 6KV 2
依据UL/CSA额定电压 Voltage Rating according to UL/CSA	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥ 500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1\text{m}\Omega$
螺丝连接 Screw terminal	
导线规格 Wire specifications	0.14-2.5mm ²
AWG	26-14
拧紧/检查力矩 Tightening torque	0.25Nm(HA-003/004)or 0.5Nm(HA-010/016)
冷压连接 Crimp terminal	
导线规格 Wire specifications	0.14-4.0mm ²
AWG	26-12
弹片连接 Cage-clamp terminal	
导线规格 Wire specifications	0.14-4.0mm ²
AWG	26-14

电流负载能力 Current carrying capacity Current carrying capacity

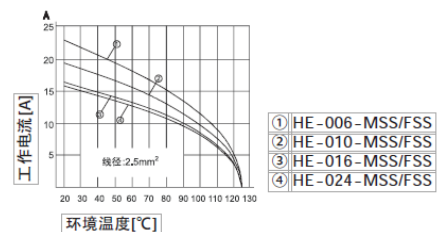
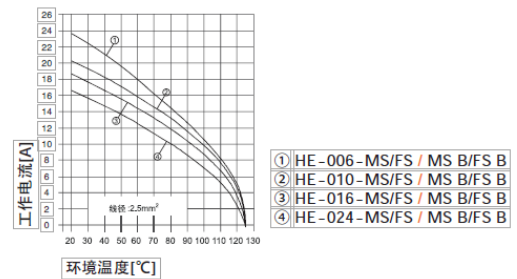
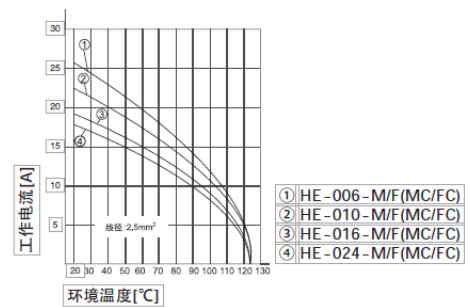
电流负载能力所受的限制主要来自包含接



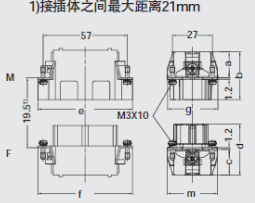
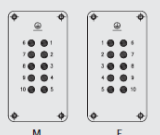
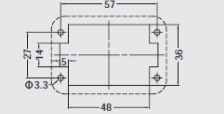


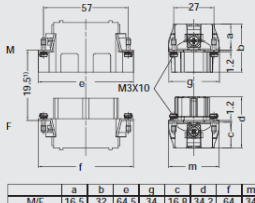
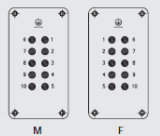
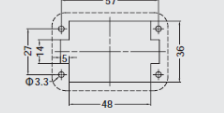
插针的插接体可承受的最大温度

测试和控制过程依据DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature

Testing and control according to DIN EN 60512-5



插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)																																																						
06+ 	500V 16A	螺丝连接 Screw terminal	公 HE-006-M 母 HE-006-F	16A 冷压针	6B		<p>1) 插插体之间最大距离21mm</p>  <table border="1"> <thead> <tr> <th></th> <th>a</th> <th>b</th> <th>e</th> <th>g</th> <th>c</th> <th>d</th> <th>f</th> <th>m</th> </tr> </thead> <tbody> <tr> <td>MF</td> <td>16.5</td> <td>32</td> <td>64.5</td> <td>34</td> <td>16.8</td> <td>34.2</td> <td>64</td> <td>34</td> </tr> <tr> <td>MC/FC</td> <td>18</td> <td>33</td> <td>64</td> <td>34</td> <td>17.5</td> <td>35.2</td> <td>64</td> <td>34</td> </tr> <tr> <td>MS/FS</td> <td>18.5</td> <td>33.5</td> <td>64</td> <td>34</td> <td>18.5</td> <td>35.6</td> <td>64</td> <td>34</td> </tr> <tr> <td>MSS/FSB</td> <td>34</td> <td>49</td> <td>64</td> <td>34</td> <td>33.5</td> <td>49.5</td> <td>63</td> <td>34</td> </tr> <tr> <td>MSB/FSB</td> <td>19</td> <td>34.5</td> <td>64</td> <td>34</td> <td>18.6</td> <td>36</td> <td>64</td> <td>34</td> </tr> </tbody> </table> <p>接插针排序</p>  <p>面板安装开孔图</p> 		a	b	e	g	c	d	f	m	MF	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/FSB	34	49	64	34	33.5	49.5	63	34	MSB/FSB	19	34.5	64	34	18.6	36	64	34
			a					b	e	g	c	d	f	m																																															
		MF	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/FSB	34	49	64	34	33.5	49.5	63	34																																																					
MSB/FSB	19	34.5	64	34	18.6	36	64	34																																																					
冷压连接 Crimp terminal	公 *HE-006-MC/N 母 *HE-006-FC/N *适用于带三爪16A冷压针 (E型针 "/ N") *适用于带三爪16A冷压针 (E型针 "/ N")	弹片连接 Cage-clamp terminal	公 HE-006-MS 母 HE-006-FS	公 HE-006-MS B 母 HE-006-FS B	双弹片连接(一针双接线) 公 HE-006-MSS 母 HE-006-FSS																																																								
双弹片连接(一针双接线) 公 HE-006-MSS 母 HE-006-FSS																																																													
10+ 	500V 16A	螺丝连接 Screw terminal	公 HE-010-M 母 HE-010-F	16A 冷压针	10B		<p>1) 插插体之间最大距离21mm</p>  <table border="1"> <thead> <tr> <th></th> <th>a</th> <th>b</th> <th>e</th> <th>g</th> <th>c</th> <th>d</th> <th>f</th> <th>m</th> </tr> </thead> <tbody> <tr> <td>MF</td> <td>16.5</td> <td>32</td> <td>64.5</td> <td>34</td> <td>16.8</td> <td>34.2</td> <td>64</td> <td>34</td> </tr> <tr> <td>MC/FC</td> <td>18</td> <td>33</td> <td>64</td> <td>34</td> <td>17.5</td> <td>35.2</td> <td>64</td> <td>34</td> </tr> <tr> <td>MS/FS</td> <td>18.5</td> <td>33.5</td> <td>64</td> <td>34</td> <td>18.5</td> <td>35.6</td> <td>64</td> <td>34</td> </tr> <tr> <td>MSS/FSB</td> <td>34</td> <td>49</td> <td>64</td> <td>34</td> <td>33.5</td> <td>49.5</td> <td>63</td> <td>34</td> </tr> <tr> <td>MSB/FSB</td> <td>19</td> <td>34.5</td> <td>64</td> <td>34</td> <td>18.6</td> <td>36</td> <td>64</td> <td>34</td> </tr> </tbody> </table> <p>接插针排序</p>  <p>面板安装开孔图</p> 		a	b	e	g	c	d	f	m	MF	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/FSB	34	49	64	34	33.5	49.5	63	34	MSB/FSB	19	34.5	64	34	18.6	36	64	34
			a					b	e	g	c	d	f	m																																															
		MF	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/FSB	34	49	64	34	33.5	49.5	63	34																																																					
MSB/FSB	19	34.5	64	34	18.6	36	64	34																																																					
冷压连接 Crimp terminal	公 HE-010-MC 母 HE-010-FC	弹片连接 Cage-clamp terminal	公 HE-010-MS 母 HE-010-FS	公 HE-010-MS B 母 HE-010-FS B	双弹片连接(一针双接线) 双弹片连接(一针双接线) 公 HE-010-MSS 母 HE-010-FSS																																																								
双弹片连接(一针双接线) 公 HE-010-MSS 母 HE-010-FSS																																																													

插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)																																																									
32+	500V 16A	螺丝连接 Screw terminal	公 HA-016-M 母 HA-016-F(17-32) 母 HA-016-F 母 HA-016-F(17-32)				<p>1) 接插体之间最大距离21mm</p> <table border="1"> <thead> <tr> <th></th> <th>a</th> <th>b</th> <th>e</th> <th>g</th> <th>c</th> <th>d</th> <th>f</th> <th>m</th> </tr> </thead> <tbody> <tr> <td>M/F</td> <td>17</td> <td>32.5</td> <td>84.2</td> <td>34</td> <td>17</td> <td>34.5</td> <td>84.2</td> <td>33.5</td> </tr> <tr> <td>MC/FC</td> <td>19</td> <td>33.5</td> <td>84.5</td> <td>34</td> <td>19</td> <td>35.5</td> <td>84.5</td> <td>34</td> </tr> <tr> <td>MS/FS</td> <td>18</td> <td>33.7</td> <td>84.5</td> <td>34</td> <td>18</td> <td>35.5</td> <td>84.5</td> <td>34</td> </tr> <tr> <td>MSS/FS</td> <td>34</td> <td>49</td> <td>84.5</td> <td>34</td> <td>32</td> <td>49</td> <td>84.5</td> <td>34</td> </tr> <tr> <td>MS B/FS B</td> <td>19.6</td> <td>34.7</td> <td>84.3</td> <td>34</td> <td>18.6</td> <td>36</td> <td>84.5</td> <td>34</td> </tr> </tbody> </table> <p>接插针排序</p> <p>面板安装开孔图</p>		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	19	33.5	84.5	34	19	35.5	84.5	34	MS/FS	18	33.7	84.5	34	18	35.5	84.5	34	MSS/FS	34	49	84.5	34	32	49	84.5	34	MS B/FS B	19.6	34.7	84.3	34	18.6	36	84.5	34			
			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	19	33.5	84.5	34		19	35.5	84.5	34																																																					
		MS/FS	18	33.7	84.5	34		18	35.5	84.5	34																																																					
		MSS/FS	34	49	84.5	34		32	49	84.5	34																																																					
		MS B/FS B	19.6	34.7	84.3	34		18.6	36	84.5	34																																																					
		冷压连接 Crimp terminal	公 HA-016-MC 母 HA-016-MC(17-32) 母 HA-016-FC 母 HA-016-FC(17-32)	16A 冷压针																																																												
		弹片连接 Cage-clamp terminal	公 HA-016-MS 母 HA-016-FS 母 HA-016-FS(17-32) 公 HA-016-MS B 母 HA-016-FS B 母 HA-016-FS B(17-32) 双弹片连接(一阵双接线) 公 HA-016-MSS 母 HA-016-FS 母 HA-016-FSS(17-32)																																																													
		48+	500V 16A	螺丝连接 Screw terminal	公 HE-024-MS 母 HE-024-FS					<p>1) 接插体之间最大距离21mm</p> <table border="1"> <thead> <tr> <th></th> <th>a</th> <th>b</th> <th>e</th> <th>g</th> <th>c</th> <th>d</th> <th>f</th> <th>m</th> </tr> </thead> <tbody> <tr> <td>M/F</td> <td>17</td> <td>32.5</td> <td>111</td> <td>34</td> <td>17</td> <td>34.5</td> <td>111</td> <td>33.5</td> </tr> <tr> <td>MC/FC</td> <td>18.3</td> <td>33.5</td> <td>111</td> <td>34</td> <td>18.3</td> <td>35.5</td> <td>111</td> <td>34</td> </tr> <tr> <td>MS/FS</td> <td>18.2</td> <td>33.5</td> <td>111</td> <td>34</td> <td>18.2</td> <td>35.5</td> <td>111</td> <td>34</td> </tr> <tr> <td>MSS/FS</td> <td>34</td> <td>49</td> <td>110</td> <td>34</td> <td>32</td> <td>49</td> <td>110</td> <td>34</td> </tr> <tr> <td>MS B/FS B</td> <td>19.6</td> <td>34.7</td> <td>111</td> <td>34</td> <td>19</td> <td>36.2</td> <td>111</td> <td>34</td> </tr> </tbody> </table> <p>接插针排序</p> <p>面板安装开孔图</p>		a	b	e	g	c	d	f	m	M/F	17	32.5	111	34	17	34.5	111	33.5	MC/FC	18.3	33.5	111	34	18.3	35.5	111	34	MS/FS	18.2	33.5	111	34	18.2	35.5	111	34	MSS/FS	34	49	110	34	32	49	110	34	MS B/FS B	19.6	34.7	111	34	19	36.2	111	34
					a	b		e	g		c	d	f	m																																																		
				M/F	17	32.5		111	34		17	34.5	111	33.5																																																		
MC/FC	18.3			33.5	111	34	18.3	35.5	111		34																																																					
MS/FS	18.2			33.5	111	34	18.2	35.5	111		34																																																					
MSS/FS	34			49	110	34	32	49	110		34																																																					
MS B/FS B	19.6	34.7	111	34	19	36.2	111	34																																																								
冷压连接 Crimp terminal	公 HE-024-MS B 母 HE-024-FC B	16A 冷压针																																																														
弹片连接 Cage-clamp terminal	公 HA-024-MS 母 HA-024-FS 母 HA-024-FS(25-48) 公 HA-024-MS B 母 HA-024-MS B(25-48) 母 HA-024-FS B 母 HA-024-FS B(25-48) 双弹片连接(一阵双接线) 公 HA-024-MSS 母 HA-024-FS 母 HA-024-FSS(25-48)																																																															

16A 冷压针

16A 工作针
接触电阻 < 1mΩ
镀银

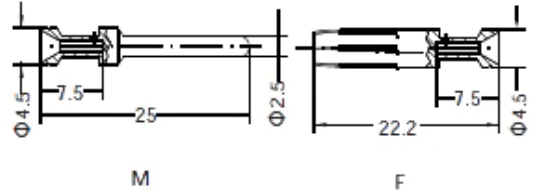


保险延迟针
镀银



公	母
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00

线规(mm²)	型号 Designation
1	CESM-1.0R
1.5	CESM-1.5R
2.5	CESM-2.5R



标示	线规	剥线长度	
no groove	0.14 - 0.37 mm²	AWG 26-22	7.5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 groove	1.5 mm²	AWG 16	7.5mm
3 groove	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

工具 Tools

冷压钳
crimping tool



退针器
Contact removal
tool

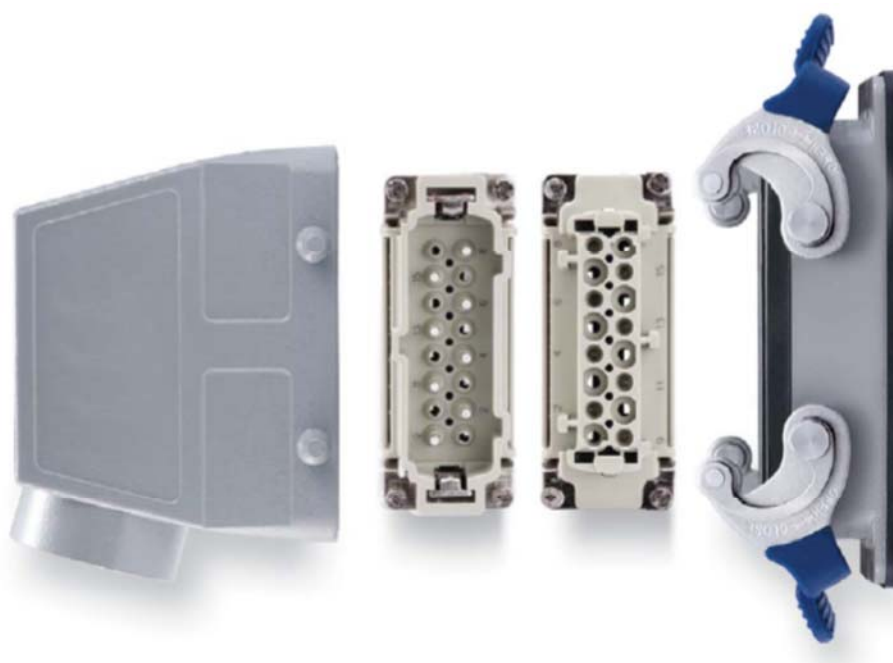


压线线径 Wire gauge	型号 Designation
0.5-4mm²	TL02G
压接线径 : 0.14-0.37mm²请选择TL02G冷压钳	
Wire gauge : 0.14-0.37mm²please select TL02 Crimping tool.	
适用类型 Application	型号 Designation
16A冷压针	TL01
For crimp contact 16A	

HVE系列

HVE series

高电压型连接器 High voltage connector



技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	3,6,10,12,20+PE
按照EN 61 984 的电气数据 Electrical data According to EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	830V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
污染程度2时的参数 Parameters of degree 2 of pollution degree	16A 1000V 8KV 2
或 or	16A 720/1250V 8KV 2
保险加长针	16A 500V 6KV 3
依据UL/CSA额定电压 Voltage Rating according UL/CSA	600V
保险延迟针	250V
污染等级2时的参数 Parameters of degree 2 of pollution degree	$\geq 10^{10}$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C... +125°C
阻燃等级 Flammability	V0
可插拔次数 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	$\leq 1\text{m}\Omega$
螺丝连接 Screw terminal	
导线规格 Wire specifications	1.0-2.5mm ²
AWG	18-14
拧紧/检查力矩 Tightening torque	0.5Nm
剥线长度 stripping length	7.0mm
冷压连接 Crimp terminal	
导线规格 Wire specifications	0.14-4.0mm ²
AWG	26-12
剥线长度 stripping length	7.5mm

一个完整冷压插芯型所需的插针分配

型号 Designation	总针数	工作针	保险延迟针
HVE-003	5	3	2
HVE-006	8	6	2
HVE-010	12	10	2
HVE-012	16	12	4
HVE-020	24	20	4

电流负载能力 Current carrying capacity Current carrying capacity

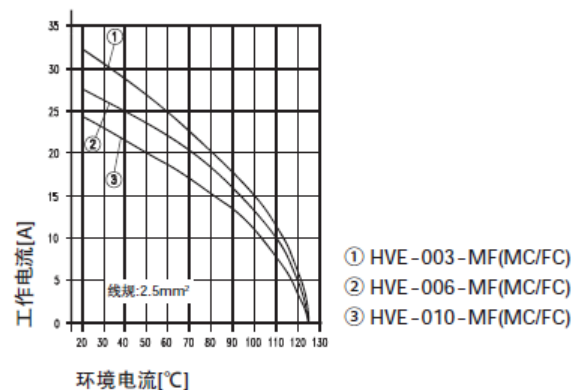
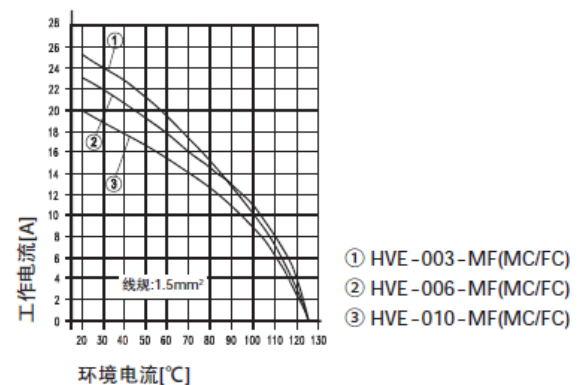
电流负载能力所受的限制主要来自包含接

插针的插接体可承受的最大温度

测试和控制过程依据DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug
of the needle body can withstand maximum temperature

Testing and control according to DIN EN 60512-5



插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)																											
03+⊕	830V 16A	螺丝连接 Screw terminal	公 HVE-003-M 母 HVE-003-F		10B		1) 接插体之间最大距离21mm <table border="1"> <tr><td></td><td>a</td><td>b</td><td>e</td><td>g</td><td>c</td><td>d</td><td>f</td><td>m</td></tr> <tr><td>M/F</td><td>16.5</td><td>32</td><td>64.5</td><td>34</td><td>116.8</td><td>34.2</td><td>64</td><td>34</td></tr> <tr><td>MC/FC</td><td>18</td><td>33</td><td>64</td><td>34</td><td>117.5</td><td>35.2</td><td>64</td><td>34</td></tr> </table>		a	b	e	g	c	d	f	m	M/F	16.5	32	64.5	34	116.8	34.2	64	34	MC/FC	18	33	64	34	117.5	35.2	64	34
			a	b				e	g	c	d	f	m																					
M/F	16.5	32	64.5	34	116.8	34.2	64	34																										
MC/FC	18	33	64	34	117.5	35.2	64	34																										
冷压连接 Crimp terminal	公 HVE-003-MC 母 HVE-003-FC	16A 冷压针																																
06+⊕	830V 16A	螺丝连接 Screw terminal	公 HVE-006-M 母 HVE-006-F		24B		1) 接插体之间最大距离21mm <table border="1"> <tr><td></td><td>a</td><td>b</td><td>e</td><td>g</td><td>c</td><td>d</td><td>f</td><td>m</td></tr> <tr><td>M/F</td><td>18</td><td>32.5</td><td>64.5</td><td>34</td><td>118</td><td>34.5</td><td>64.5</td><td>34</td></tr> <tr><td>MC/FC</td><td>18</td><td>33.5</td><td>64.5</td><td>34</td><td>118</td><td>35</td><td>64.5</td><td>34</td></tr> </table>		a	b	e	g	c	d	f	m	M/F	18	32.5	64.5	34	118	34.5	64.5	34	MC/FC	18	33.5	64.5	34	118	35	64.5	34
			a	b				e	g	c	d	f	m																					
M/F	18	32.5	64.5	34	118	34.5	64.5	34																										
MC/FC	18	33.5	64.5	34	118	35	64.5	34																										
冷压连接 Crimp terminal	公 HVE-003-MC 母 HVE-003-FC	16A 冷压针																																
10+⊕	830V 16A	螺丝连接 Screw terminal	公 HVE-010-M 母 HVE-010-F		24B		1) 接插体之间最大距离21mm <table border="1"> <tr><td></td><td>a</td><td>b</td><td>e</td><td>g</td><td>c</td><td>d</td><td>f</td><td>m</td></tr> <tr><td>M/F</td><td>17</td><td>32.5</td><td>111</td><td>33.5</td><td>17</td><td>34.5</td><td>111</td><td>33.5</td></tr> <tr><td>MC/FC</td><td>18.3</td><td>33.5</td><td>111</td><td>34</td><td>18.3</td><td>35.5</td><td>111</td><td>34</td></tr> </table>		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
			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																										
冷压连接 Crimp terminal	公 HVE-010-MC 母 HVE-010-FC	16A 冷压针																																
12+⊕	830V 16A	螺丝连接 Screw terminal	公 HVE-006-M HVE-006-M(7-12) 母 HA-006-F HA-006-F(7-12)		32B		1) 接插体之间最大距离21mm <table border="1"> <tr><td></td><td>a</td><td>b</td><td>e</td><td>g</td><td>c</td><td>d</td><td>f</td><td>m</td></tr> <tr><td>M/F</td><td>18</td><td>32.5</td><td>64.5</td><td>34</td><td>118</td><td>34.5</td><td>64.5</td><td>34</td></tr> <tr><td>MC/FC</td><td>18</td><td>33.5</td><td>64.5</td><td>34</td><td>118</td><td>35</td><td>64.5</td><td>34</td></tr> </table>		a	b	e	g	c	d	f	m	M/F	18	32.5	64.5	34	118	34.5	64.5	34	MC/FC	18	33.5	64.5	34	118	35	64.5	34
			a	b				e	g	c	d	f	m																					
M/F	18	32.5	64.5	34	118	34.5	64.5	34																										
MC/FC	18	33.5	64.5	34	118	35	64.5	34																										
冷压连接 Crimp terminal	公 HVE-006-MC HA-006-MC(7-12) 母 HA-006-FC HA-024-FC(7-12)	16A 冷压针																																
20+⊕	830V 16A	螺丝连接 Screw terminal	公 HVE-010-M HVE-010-M(11-20) 母 HA-010-F HA-010-F(11-20)		48B		1) 接插体之间最大距离21mm <table border="1"> <tr><td></td><td>a</td><td>b</td><td>e</td><td>g</td><td>c</td><td>d</td><td>f</td><td>m</td></tr> <tr><td>M/F</td><td>17</td><td>32.5</td><td>111</td><td>33.5</td><td>17</td><td>34.5</td><td>111</td><td>33.5</td></tr> <tr><td>MC/FC</td><td>18.3</td><td>33.5</td><td>111</td><td>34</td><td>18.3</td><td>35.5</td><td>111</td><td>34</td></tr> </table>		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
			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																										
冷压连接 Crimp terminal	公 HVE-010-MC HA-010-MC(10-20) 母 HA-010-FC HA-010-FC(10-20)	16A 冷压针																																

16A 冷压针

16A 工作针
接触电阻 < 1mΩ
镀银

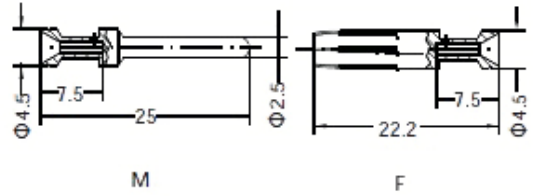


保险延迟针
镀银



公	母
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00

线规(mm²)	型号 Designation
1	CESM-1.0R
1.5	CESM-1.5R
2.5	CESM-2.5R



标示	线规	剥线长度
no groove	0.14 - 0.37 mm² AWG 26-22	7.5mm
no groove	0.5 mm² AWG 20	7.5mm
1 groove	0.75 mm² AWG 18	7.5mm
1 groove	1 mm² AWG 18	7.5mm
2 groove	1.5 mm² AWG 16	7.5mm
3 groove	2.5 mm² AWG 14	7.5mm
wide groove	3 mm² AWG 12	7.5mm
no groove	4 mm² AWG 12	7.5mm

工具 Tools

冷压钳
crimping tool



退针器
Contact removal
tool



压线线径 Wire gauge 型号 Designation

0.5-4mm² TL02G

压接线径 : 0.14-0.37mm²请选择TL02G冷压钳

Wire gauge : 0.14-0.37mm² please select TL02 Crimping tool.


适用类型 Application 型号 Designation

16A冷压针 TL01

For crimp contact 16A

HVE-016 高电压型插芯 High voltage inserts

技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	16,32+PE(+两针用于高压保险)
按照EN 61 984 的电气数据 Electrical data According to EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	400/690V
额定脉冲电压	6KV
Impulse voltage Rating	
污染程度 Pollution degree	2
或 or	16A 500V 6KV 3
依据UL/CSA额定电压	600V
Voltage Rating according to UL/CSA	
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围	-40°C...+125°C
Limiting temperatures	
阻燃等级 Flammability	V0
可插拔次数 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	$\leq 1m\Omega$
螺丝连接 Screw terminal	
导线规格 Wire specifications	2.5mm ²
AWG	14
拧紧力矩 Tightening torque	0.5Nm

电流负载能力 Current carrying capacity Current carrying capacity

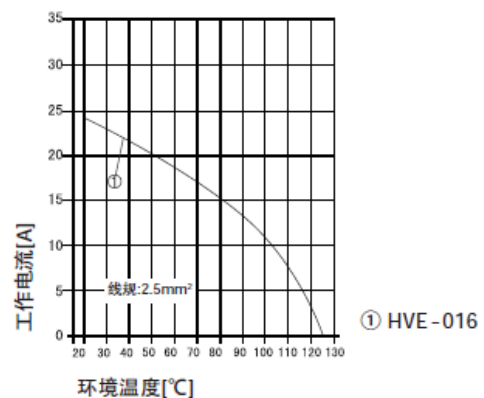
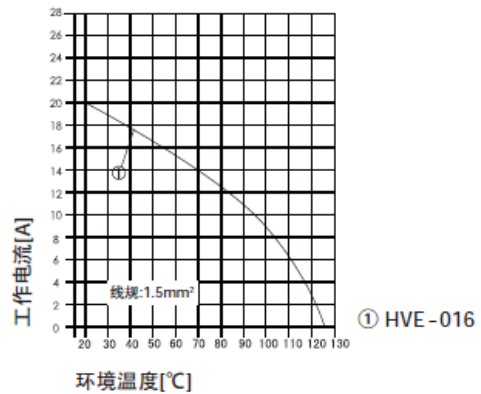
电流负载能力所受的限制主要来自包含接

插针的插接体可承受的最大温度

测试和控制过程依据DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature

Testing and control according to DIN EN 60512-5



插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	尺寸图 Drawing (mm)
16+ 	400/690V 16A	螺丝连接 Screw terminal	公 母 HVE-016-M HVE-016-F		24B 	<p>1)接插体之间最大距离21mm</p> 
32+ 		螺丝连接 Screw terminal	公 母 HVE-016-MC HA-016-MC(7-32) HA-016-FC HA-016-FC(17-32)			

16A 冷压针

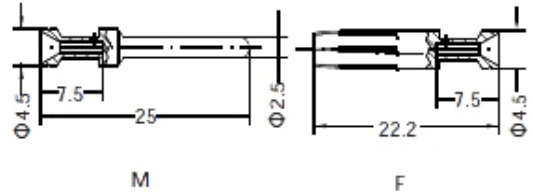
16A 工作针
接触电阻 < 1mΩ
镀银



保险延迟针
镀银



公	母
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00
线规(mm²)	型号 Designation
1	CESM-1.0R
1.5	CESM-1.5R
2.5	CESM-2.5R



标示	线规	剥线长度
no groove	0.14 - 0.37 mm² AWG 26-22	7.5mm
no groove	0.5 mm² AWG 20	7.5mm
1 groove	0.75 mm² AWG 18	7.5mm
1 groove	1 mm² AWG 18	7.5mm
2 groove	1.5 mm² AWG 16	7.5mm
3 groove	2.5 mm² AWG 14	7.5mm
wide groove	3 mm² AWG 12	7.5mm
no groove	4 mm² AWG 12	7.5mm

工具 Tools

冷压钳
crimping tool



退针器
Contact removal
tool

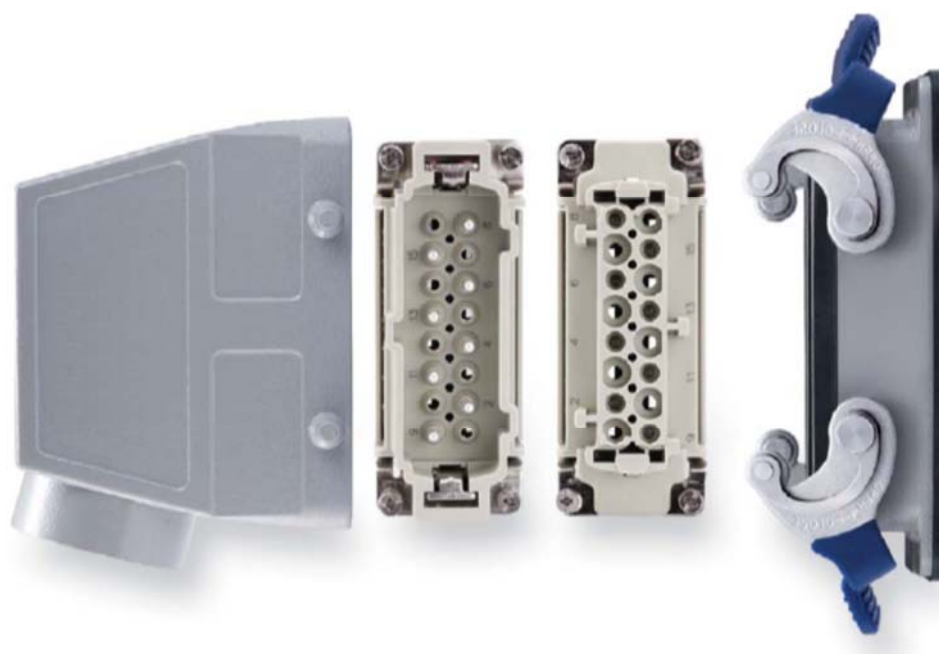


压线线径 Wire gauge	型号 Designation
0.5-4mm²	TL02G
压接线径 : 0.14-0.37mm²请选择TL02G冷压钳	
Wire gauge : 0.14-0.37mm²please select TL02 Crimping tool.	
适用类型 Application	型号 Designation
16A冷压针	TL01
For crimp contact 16A	

HVES系列

HVES series

高电压型连接器 High voltage connector

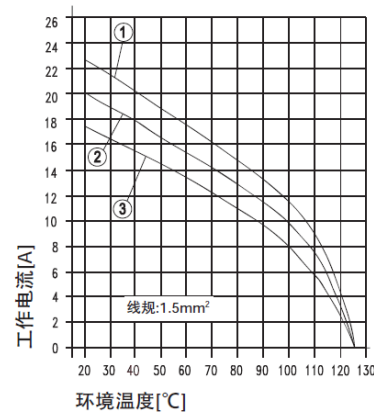


技术参数 Technical parameters

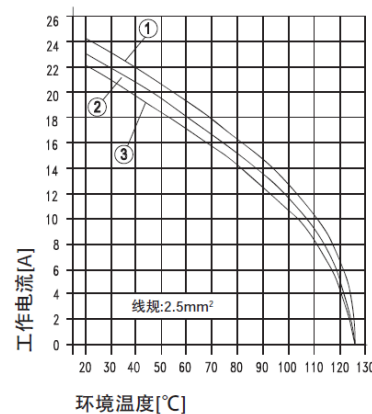
规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	3,6,10,12,20+PE
按照EN 61 984 的电气数据 Electrical data According to EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	830V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
污染程度2时的参数 Parameters of degree 2 of pollution degree	16A 1000V 8KV 2
或 or	16A 720/1250V 8KV 2
依据UL/CSA额定电压 Voltage Rating according to UL/CSA	600V
保险延迟针 Relay contacts	250V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	≤3mΩ
弹片连接 Cage-clamp terminal	
导线规格 Wire specifications	0.14-2.5mm ²
AWG	26-14
剥线长度 stripping length	7-9mm

电流负载能力 Current carrying capacity



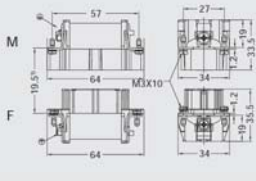

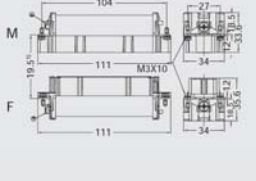


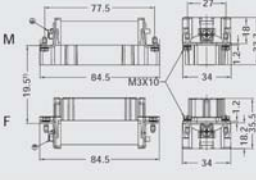


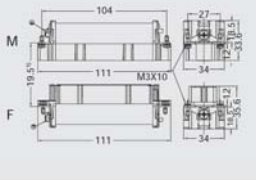
电流负载能力所受的限制主要来自包含接插针的插接体可承受的最大温度
测试和控制过程依据DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



- ① HVES-003-MS/FS
- ② HVES-006-MS/FS
- ③ HVES-010-MS/FS



- ① HVES-003-MS/FS
- ② HVES-006-MS/FS
- ③ HVES-010-MS/FS

插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)	
03+ 	830V 16A	弹片连接 Cage-clamp terminal	公 母	HVE-003-MS HVE-003-FS			1)接插体之间最大距离21mm 	
10B			公 母	HVE-006-MS HVE-006-FS			1)接插体之间最大距离21mm 	
12+ 	830V 16A		公 母	HVE-006-MS HVE-006-MS(7-12) HVE-006-FS HVE-006-FS(7-12)		24B		1)接插体之间最大距离21mm 
20+ 			公 母	HVE-010-MS HVE-010-MS(11-20) HVE-010-FS HVE-010-FS(11-20)	16A 冷压针	48B		1)接插体之间最大距离21mm 

16A 冷压针

16A 工作针
接触电阻 < 1mΩ
镀银

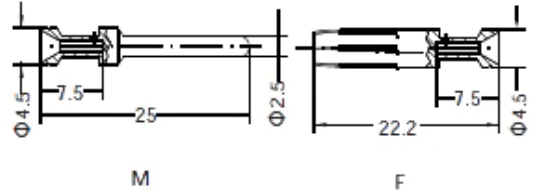


保险延迟针
镀银



公(Male)	母(Female)
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00

线规(mm²)	型号 Designation
1	CESM-1.0R
1.5	CESM-1.5R
2.5	CESM-2.5R



标示	线规	剥线长度	
no groove	0.14 - 0.37 mm²	AWG 26-22	7.5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 groove	1.5 mm²	AWG 16	7.5mm
3 groove	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

工具 Tools

冷压钳
crimping tool



退针器
Contact removal
tool



压线线径 Wire gauge	型号 Designation
0.5-4mm²	TL02G

压接线径 : 0.14-0.37mm²请选择TL02G冷压钳
Wire gauge : 0.14-0.37mm²please select TL02 Crimping tool.

适用类型 Application	型号 Designation
16A冷压针	TL01

For crimp contact 16A

HEE系列

HEE series

高密度型连接器 High density connector



技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	10,18,32,46,40,64,64(2×32) 92(2×46)+PE
按照EN 61 984 的电气数据 Electrical data According to EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	500V
额定脉冲电压 Impulse voltage	6KV
Rating	
污染程度	3
Pollution degree	
污染程度2时的参数	16A 830V 8KV 2
Parameters of degree 2 of pollution degree	
依据UL/CSA额定电压	600V
Voltage Rating according to UL/CSA	
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	
阻燃等级 Flammability	V0
可插拔次数 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	
-导线规格 Wire specifications	0.14-4.0mm ²
-AWG	26-12
-剥线长度 stripping length	7.5mm

电流负载能力 Current carrying capacity

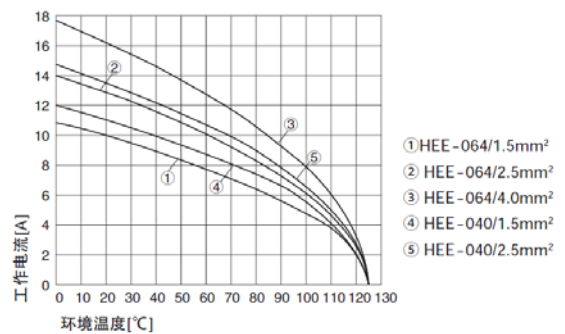
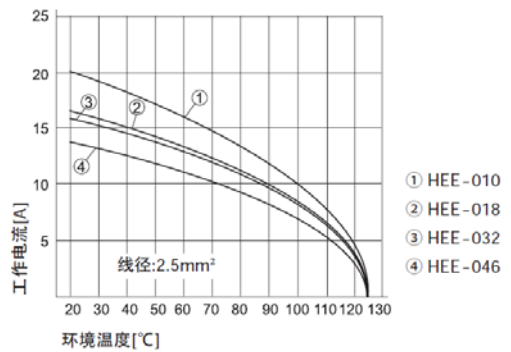
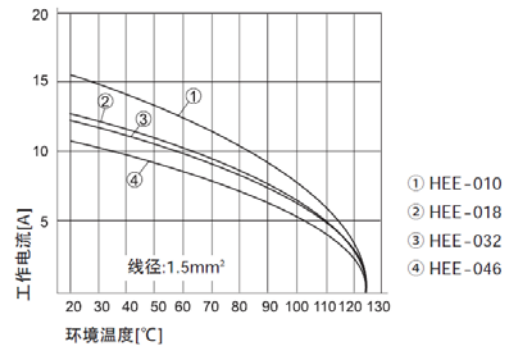
电流负载能力所受的限制主要来自包含接



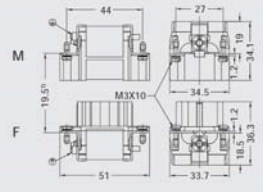


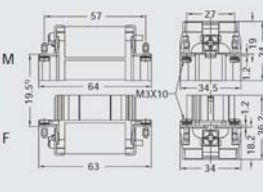


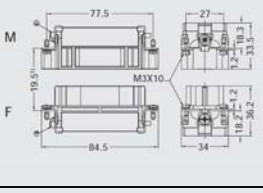


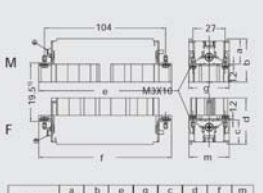


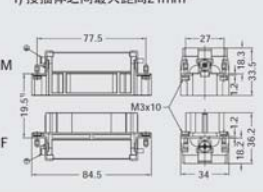


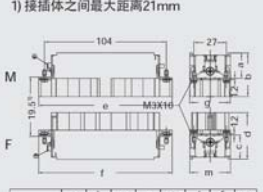
插针的插接体可承受的最大温度

测试和控制过程依据DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature

Testing and control according to DIN EN 60512-5



插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)																											
10+ 	500V 16A	冷压连接 Crimp terminal	公 HEE-010-MC 母 HEE-010-FC	16A 冷压针	6B		1) 接插体之间最大距离21mm 																											
18+ 		冷压连接 Crimp terminal	公 HEE-018-MC 母 HEE-018-FC		10B		1) 接插体之间最大距离21mm 																											
32+ 		冷压连接 Crimp terminal	公 HEE-032-MC 母 HEE-032-FC		16A 冷压针	16B		1) 接插体之间最大距离21mm 																										
46+ 	500V 16A	冷压连接 Crimp terminal	公 HEE-046-MC 母 HEE-046-FC 公 *HEE-046-MC/N 母 *HEE-046-FC/N *适用带三爪16A冷压针	16A 冷压针	24B		1) 接插体之间最大距离21mm  <table border="1" data-bbox="1220 1400 1468 1444"> <tr> <td></td> <td>a</td> <td>b</td> <td>e</td> <td>g</td> <td>c</td> <td>d</td> <td>f</td> <td>m</td> </tr> <tr> <td>MF</td> <td>18.5</td> <td>33.8</td> <td>110</td> <td>34.4</td> <td>18.3</td> <td>36.2</td> <td>110</td> <td>34.4</td> </tr> <tr> <td>MC/FC</td> <td>18.3</td> <td>33.8</td> <td>110</td> <td>34.4</td> <td>18.2</td> <td>36.2</td> <td>110</td> <td>34.4</td> </tr> </table>		a	b	e	g	c	d	f	m	MF	18.5	33.8	110	34.4	18.3	36.2	110	34.4	MC/FC	18.3	33.8	110	34.4	18.2	36.2	110	34.4
	a	b	e	g	c	d	f	m																										
MF	18.5	33.8	110	34.4	18.3	36.2	110	34.4																										
MC/FC	18.3	33.8	110	34.4	18.2	36.2	110	34.4																										
64+ 	500V 16A	冷压连接 Crimp terminal	公 HEE-032-MC 母 HEE-032-MC(33-64) 公 HEE-032-FC 母 HEE-032-FC(33-64)	16A 冷压针	32B		1) 接插体之间最大距离21mm 																											
92+ 	500V 16A	冷压连接 Crimp terminal	公 HEE-046-MC 母 HVE-046-MC(47-92) 母 HA-046-FC 母 HA-046-FC(47-92) 公 *HEE-046-MC 母 *HEE-046-MC(47-92) 母 *HEE-046-FC 母 *HEE-046-FC(47-92) *适用带三爪16A冷压针	16A 冷压针	48B		1) 接插体之间最大距离21mm  <table border="1" data-bbox="1220 1915 1468 1960"> <tr> <td></td> <td>a</td> <td>b</td> <td>e</td> <td>g</td> <td>c</td> <td>d</td> <td>f</td> <td>m</td> </tr> <tr> <td>MF</td> <td>18.5</td> <td>33.8</td> <td>110</td> <td>34.4</td> <td>18.3</td> <td>36.2</td> <td>110</td> <td>34.4</td> </tr> <tr> <td>MC/FC</td> <td>18.3</td> <td>33.8</td> <td>110</td> <td>34.4</td> <td>18.2</td> <td>36.2</td> <td>110</td> <td>34.4</td> </tr> </table>		a	b	e	g	c	d	f	m	MF	18.5	33.8	110	34.4	18.3	36.2	110	34.4	MC/FC	18.3	33.8	110	34.4	18.2	36.2	110	34.4
	a	b	e	g	c	d	f	m																										
MF	18.5	33.8	110	34.4	18.3	36.2	110	34.4																										
MC/FC	18.3	33.8	110	34.4	18.2	36.2	110	34.4																										

插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)
40+ 	500V 16A	冷压连接 Crimp terminal	公 HEE-040-MC 母 HEE-040-FC	16A 冷压针	16B		1) 接插体之间最大距离21mm 
64+ 		冷压连接 Crimp terminal	公 HEE-064-MC 母 HEE-064-FC			1) 接插体之间最大距离21mm 	

附件 Accessories

16A 冷压针

16A 工作针
接触电阻 < 1mΩ
镀银

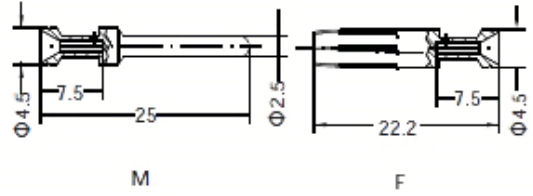


保险延迟针
镀银



公	母
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00

线规(mm²)	型号 Designation
1	CESM-1.0R
1.5	CESM-1.5R
2.5	CESM-2.5R



标示	线规	剥线长度	
no groove	0.14 - 0.37 mm²	AWG 26-22	7.5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 groove	1.5 mm²	AWG 16	7.5mm
3 groove	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

工具 Tools

冷压钳
crimping tool



退针器
Contact removal
tool



压线线径 Wire gauge 型号 Designation

0.5-4mm² TL02G

压接线径：0.14-0.37mm²请选择TL02G冷压钳

Wire gauge：0.14-0.37mm²please select TL02 Crimping tool.

适用类型 Application 型号 Designation

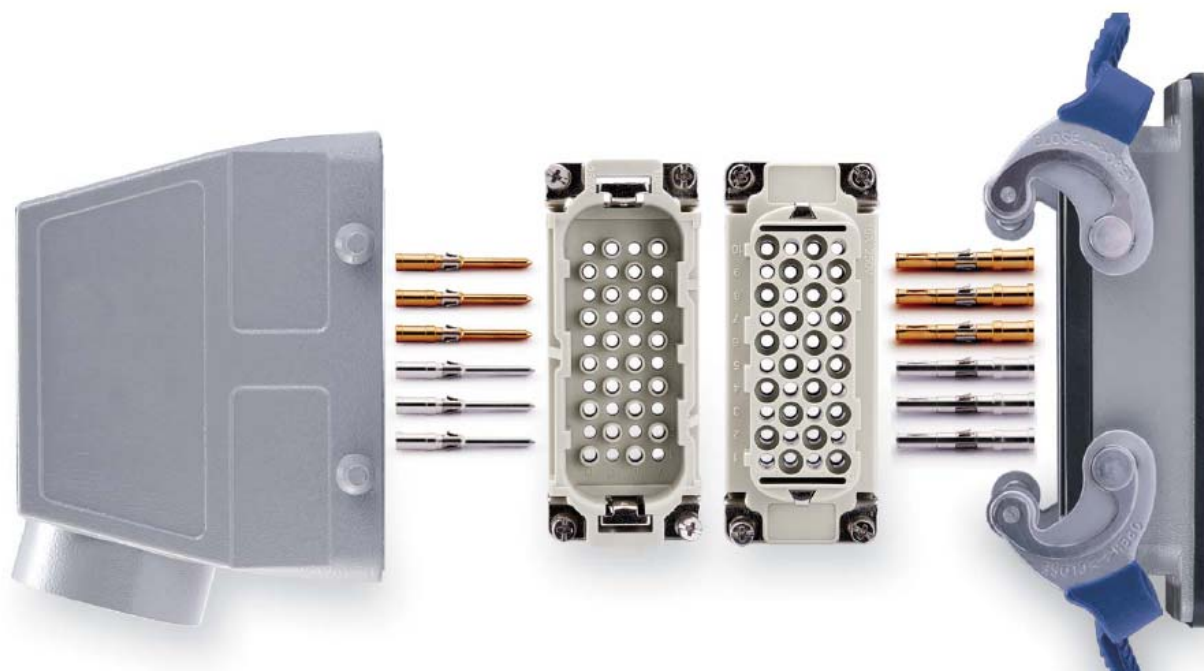
16A冷压针 TL01

For crimp contact 16A

HD HDD系列

HD HDD series

超高密度型连接器 Ultra-high density connector

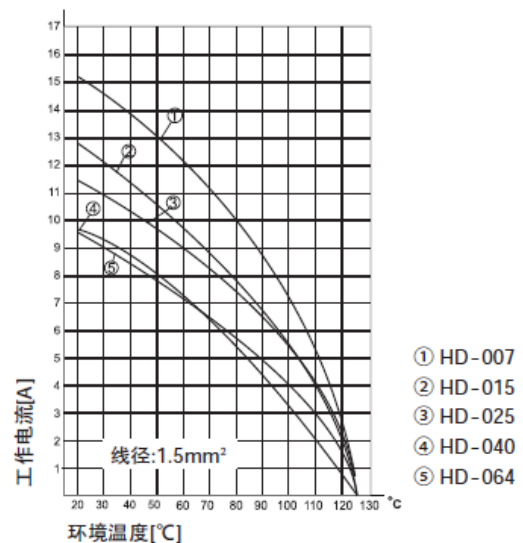
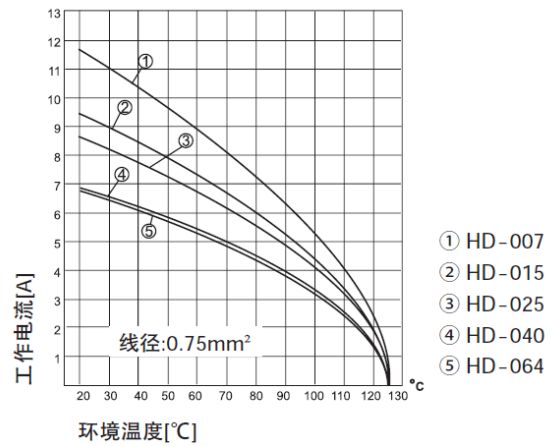


技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	7,8,15,25,40,50 (25×2) ,64, 80 (40×2) , 128(64×2) +PE
按照DIN EN 61 984 的电气数据 Electrical data According to DIN EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	250V
额定脉冲电压 Impulse voltage Rating	4KV
污染程度 Pollution degree	3
污染程度2时的参数 Parameters of degree 2 of pollution degree	10A 230/400V 4KV 2
依据UL/CSA额定电压 Voltage Rating according to UL/CSA	600V
HD-008的电气数据 Electrical data Electric data of HD-008	
额定电流 Current rating	10A
额定电压 Voltage Rating	~50V/-120V
额定脉冲电压 Impulse voltage Rating	4KV
污染程度 Pollution degree	3
依据UL/CSA额定电压 Voltage Rating according to UL/CSA	50V
额定电压 (直流电压) Voltage Rating	120V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 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	≤3mΩ
冷压连接 Crimp terminal	
-导线规格 Wire specifications	0.14-2.5mm ²
-AWG	26-14

电流负载能力 Current carrying capacity

电流负载能力所受的限制主要来自包含接插针的插接体可承受的最大温度
测试和控制过程依据DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	7,8,15,25,40,50 (25×2) ,64, 80 (40×2) , 128(64×2) +PE
按照DIN EN 61 984 的电气数据 Electrical data	
额定电流 Current rating	16A
额定电压 Voltage Rating	250V
额定脉冲电压 Impulse voltage Rating	4KV
污染程度 Pollution degree	3
污染程度2时的参数 Parameters of degree 2 of pollution degree	10A 230/400V 4KV 2
-依据UL/CSA额定电压 Voltage Rating according to	600V
额定电流 Current rating	10A
额定电压 Voltage Rating	~50V/-120V
额定脉冲电压 Impulse voltage Rating	4KV
污染程度 Pollution degree	3
依据UL/CSA额定电压 Voltage Rating according to UL/CSA	50V
额定电压 Voltage Rating (直流 电压)	120V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C... +125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 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	≤3mΩ
冷压连接 Crimp terminal	
-导线规格 Wire specifications	0.14-2.5mm ²
-AWG	26-14

电流负载能力 Current carrying capacity Current carrying capacity

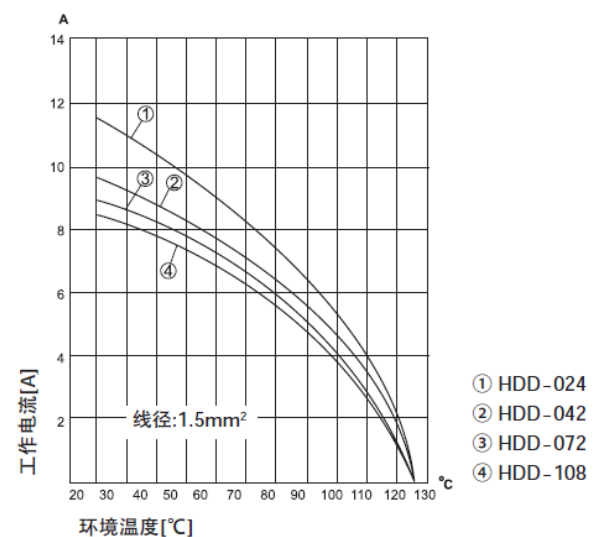
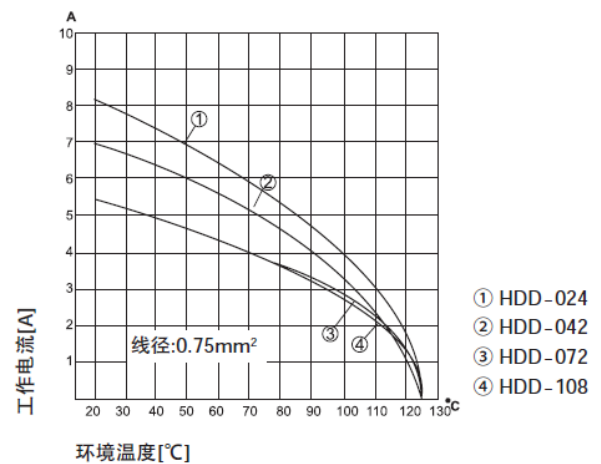
电流负载能力所受的限制主要来自包含接

插针的插接体可承受的最大温度

测试和控制过程依据DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug
of the needle body can withstand maximum temperature

Testing and control according to DIN EN 60512-5

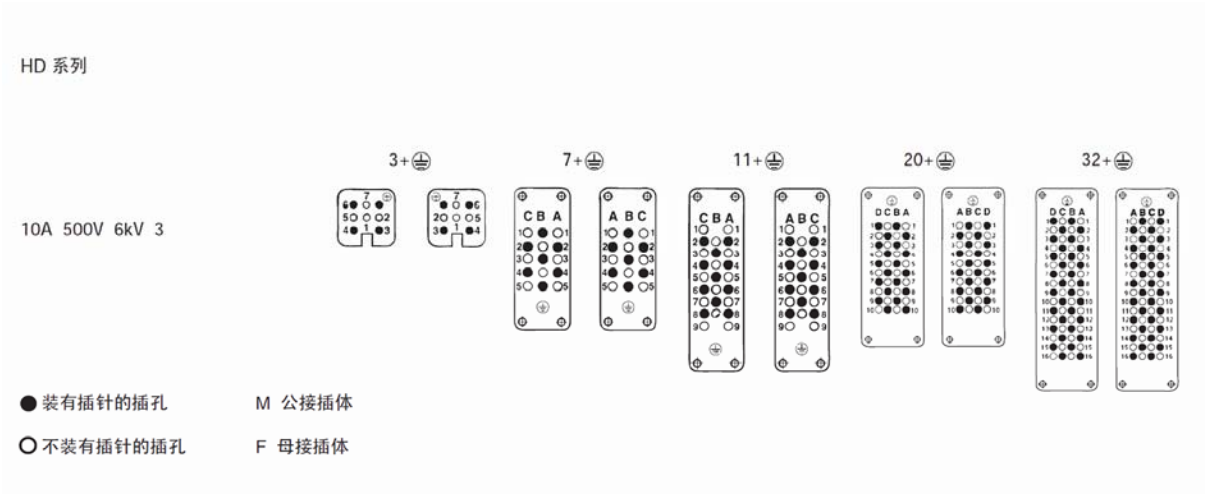


HD HDD modified contact arrangement up to 500V

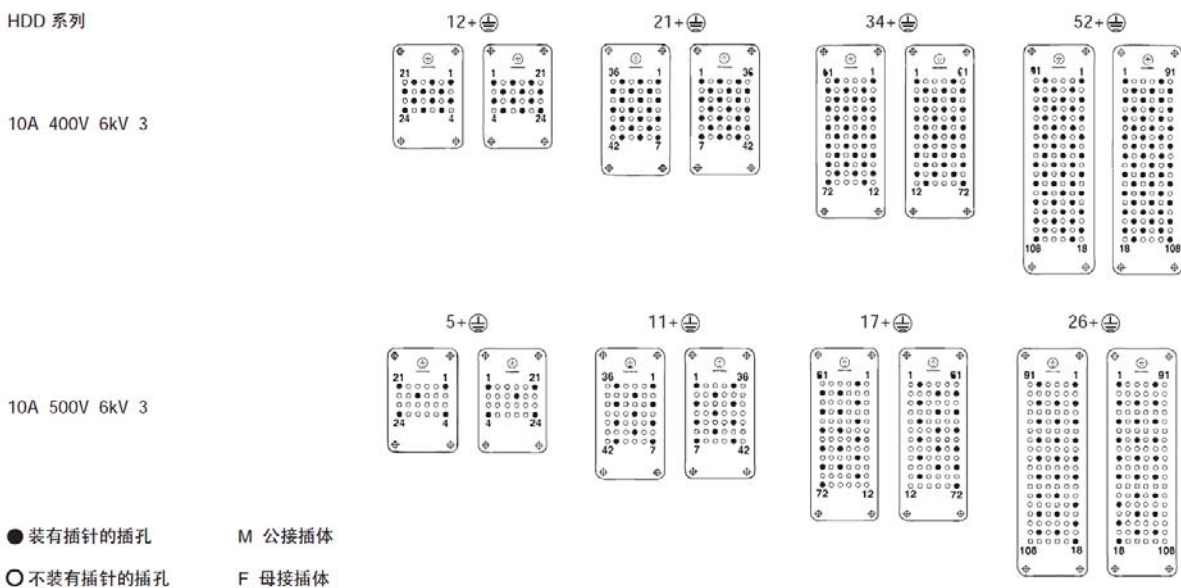
HD HDD接插体在装满针时，在绝缘等级3(C)时，其工作电压可达到250V。但其插针分布经过调整，同样在绝缘等级3(C)时，其工作电压允许值可达到500V。



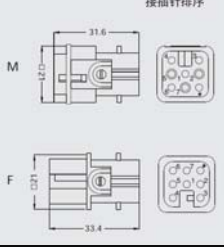


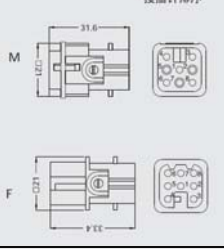


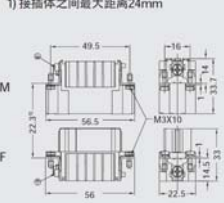


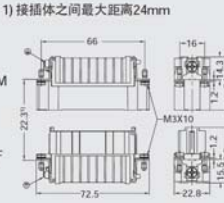





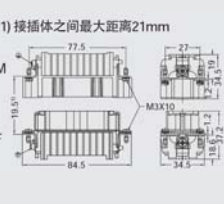
The contact series HD HDD equipped with all contacts may be used for voltage up to 250V~insulation group C.A modified contact loading arrangement permits use up to 500V~also in insulation group C.

调整后插针分布 Modified contact arrangement



调整后插针分布 Modified contact arrangement



插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)
07+ 	250V 10A	冷压连接 Crimp terminal	公 母 HD-007-MC HD-007-FC	10A 冷压针	3A		
08+ 	-120V/~50V 10A	冷压连接 Crimp terminal	公 母 HD-008-MC HD-008-FC				
15+ 	250V 10A	冷压连接 Crimp terminal	公 母 HD-015-MC HD-015-FC	10A 冷压针	10A		
25+ 	250V 16A	冷压连接 Crimp terminal	公 母 HD-025-MC HD-025-FC				
50+ 	250V 10A	冷压连接 Crimp terminal	公 母 HD-025-MC HD-025-MC(Z) HD-025-FC HD-025-FC(Z)	10A 冷压针	16A		
40+ 	250V 10A	冷压连接 Crimp terminal	公 母 HD-040-MC HD-040-FC				

插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)
64+ 	250V 10A	冷压连接 Crimp terminal	公 HD-064-MC 母 HD-064-FC	10A 冷压针	24B		1) 接插体之间最大距离21mm 
80+ 	250V 16A	冷压连接 Crimp terminal	公 HD-040-MC 母 HD-040-FC(Z)	10A 冷压针	32B		1) 接插体之间最大距离21mm 
128+ 	250V 16A	冷压连接 Crimp terminal	公 HEE-064-MC 母 HEE-064-FC	10A 冷压针	16B		1) 接插体之间最大距离21mm 

插针数 Number of contacts	电气规格 Electrical Specification	连接方式 Connection Type	型号 Designation	匹配插针 insert	外壳 hoods	示意图 sketch map	尺寸图 Drawing (mm)
24+⊕	250V 10A	冷压连接 Crimp terminal	公 母 HDD-024-MC HDD-024-FC	10A 冷压针	6B		1) 接插体之间最大距离21mm
42+⊕	250V 10A	冷压连接 Crimp terminal	公 母 HDD-042-MC HDD-042-FC				10B
72+⊕	250V 10A	冷压连接 Crimp terminal	公 母 HDD-072-MC HDD-072-FC	10A 冷压针	16B		1) 接插体之间最大距离21mm
108+⊕	250V 16A	冷压连接 Crimp terminal	公 母 HDD-108-MC HDD-108-FC	10A 冷压针	24B		1) 接插体之间最大距离21mm
144+⊕	250V 10A	冷压连接 Crimp terminal	公 母 HD-072-MC HD-072-MC(73-144) HD-072-FC HD-072-FC(73-144)	10A 冷压针	32B		1) 接插体之间最大距离21mm
216+⊕	250V 10A	冷压连接 Crimp terminal	公 母 HD-108-MC HD-108-MC(109-216) HD-108-FC HD-108-FC(109-216)	10A 冷压针	48B		1) 接插体之间最大距离21mm

16A 冷压针

16A 工作针
接触电阻 < 1mΩ
镀银

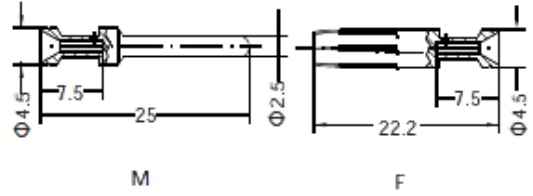


保险延迟针
镀银



公	母
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00

线规(mm²)	型号 Designation
1	CESM-1.0R
1.5	CESM-1.5R
2.5	CESM-2.5R



标示	线规	剥线长度
no groove	0.14 - 0.37 mm² AWG 26-22	7.5mm
no groove	0.5 mm² AWG 20	7.5mm
1 groove	0.75 mm² AWG 18	7.5mm
1 groove	1 mm² AWG 18	7.5mm
2 groove	1.5 mm² AWG 16	7.5mm
3 groove	2.5 mm² AWG 14	7.5mm
wide groove	3 mm² AWG 12	7.5mm
no groove	4 mm² AWG 12	7.5mm

工具 Tools

冷压钳
crimping tool



退针器
Contact removal
tool



压线线径 Wire gauge 型号 Designation

0.5-4mm² TL02G

压接线径 : 0.14-0.37mm²请选择TL02G冷压钳

Wire gauge : 0.14-0.37mm²please select TL02 Crimping tool.

适用类型 Application 型号 Designation

16A冷压针 TL01

For crimp contact 16A


HSB系列

HSB series

35A大电流型连接器 35A heavy-current connector

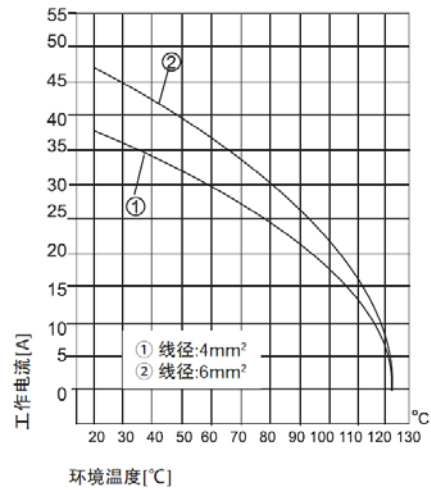


技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	6,12+PE
按照DIN EN 61 984 的电气数据 Electrical data	
额定电流 Current rating	35A
相对地额定电压 Conductor-ground voltage rating	400V
相间额定电压 Conductor-conductor voltage rating	690V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度 pollution degree	3
或 or	35A 500V 6kv 3
依据UL/CSA额定电压 Voltage Rating according to UL/CSA	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	≤1mΩ
螺丝连接 Screw terminal	
导线规格 Wire specifications	0.14-2.5mm ²
AWG	26-14
拧紧力矩 Tightening torque	1.2Nm

电流负载能力 Current carrying capacity

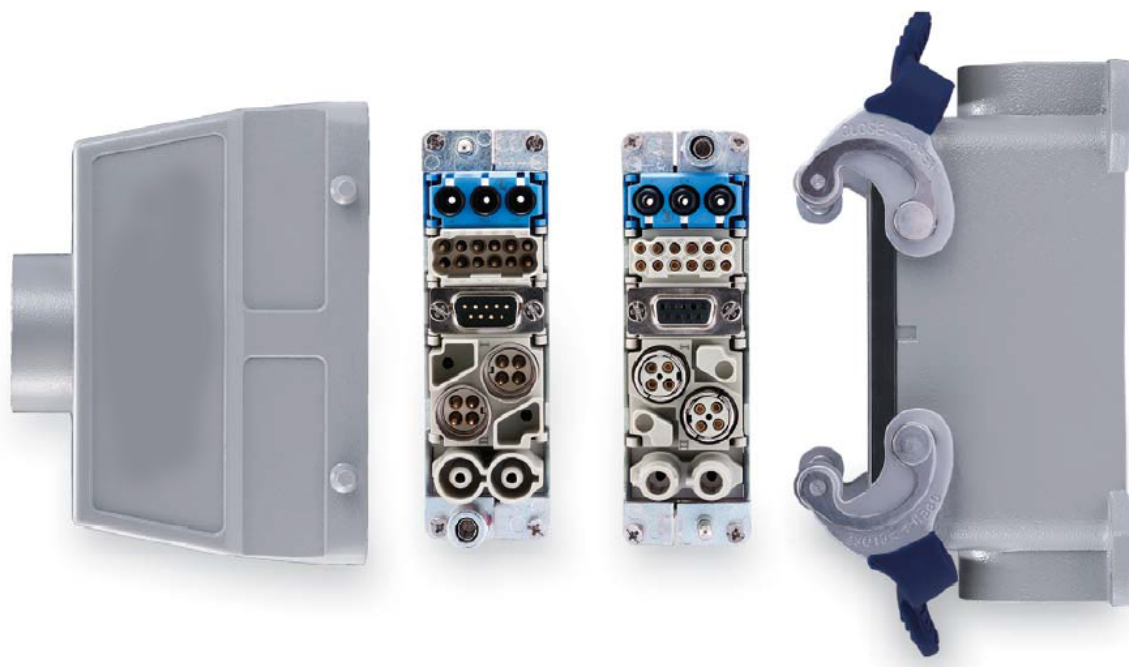
电流负载能力所受的限制主要来自包含接插针的插接体可承受的最大温度
测试和控制过程依据DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



HM系列

HM series

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



技术参数 Technical parameters

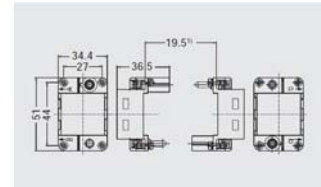
模块数量 Modular number	2,3,4,6
接地线 PE contact(Wire gauge)	
功率线 Power side	4-10mm ² AWG 12-8
信号线 Signal side	1-1.5mm ² 18-14
材料 Material	压铸锌合金 Kirstie
工作温度范围 Limiting temperatures	-40°C...+125°C
可插拔次数 Mating cycles	≥500

框架结构类型2，滑动边框锁定结构 frame construction version 2

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



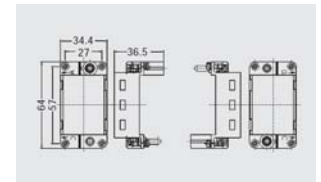
描述 Application	标示 Marking	型号 Designation
用于2个模块 For 2 modules	A-B	HF6B-NUA3
用于2个模块 For 2 modules	a-b	HF6B-NLA3



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



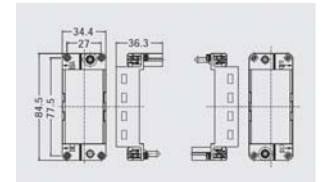
描述 Application	标示 Marking	型号 Designation
用于3个模块 For 3 modules	A-C	HF10B-NUA3
用于3个模块 For 3 modules	a-b	HF10B-NLA3



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



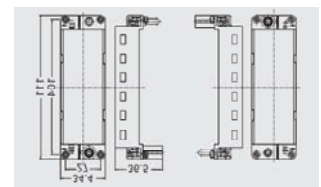
描述 Application	标示 Marking	型号 Designation
用于4个模块 For 4 modules	A-D	HF16B-NUA3
用于4个模块 For 4 modules	a-b	HF16B-NLA3



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



描述 Application	标示 Marking	型号 Designation
用于6个模块 For 6 modules	A-F	HF24B-NUA3
用于6个模块 For 6 modules	a-f	HF24B-NLA3



固定块(每个框架配有2PCS) Locking element



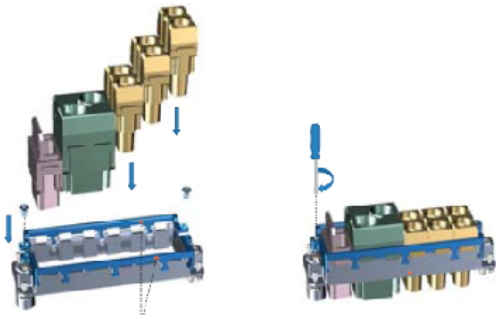
描述 Application	型号 Designation
固定框架防止模块松脱 Ideal toper-assemble the hinged frames	HF24B-NUA2



框架结构类型1 模块拆装示意图 Frame construction version 1 Modules dismounting instructions

装配示意图 Assembly diagram

拆卸过程反之
The removal process is the opposite



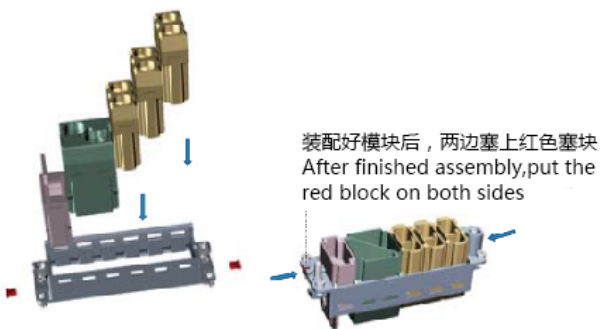
装配前松开滑动边框
Loosen the sliding border before assembling

装配好模块后，闭合滑动边框，锁上螺丝
After assembling the module, close the sliding border and lock the screws

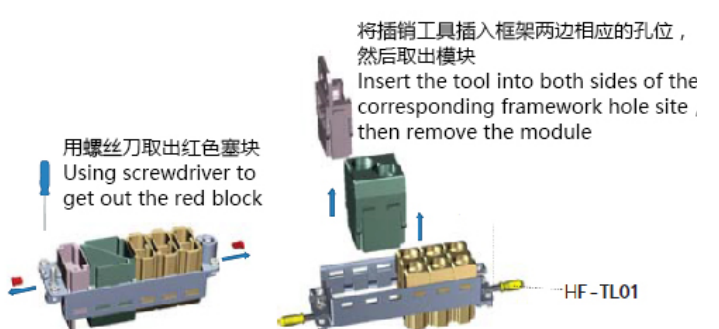
框架结构类型2 模块拆装示意图 Type 2 Module disassembly schematic diagram

装配示意图 Assembly instructions

拆卸示意图 Disassembly instructions



装配好模块后，两边塞上红色塞块
After finished assembly, put the red block on both sides



用螺丝刀取出红色塞块
Using screwdriver to get out the red block

将插销工具插入框架两边相应的孔位，然后取出模块
Insert the tool into both sides of the corresponding framework hole site, then remove the module

HF-TL01

1000V 200A

插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification DIN EN 60 664
DIN EN 61 984

认证 Identification



插芯 Inserts

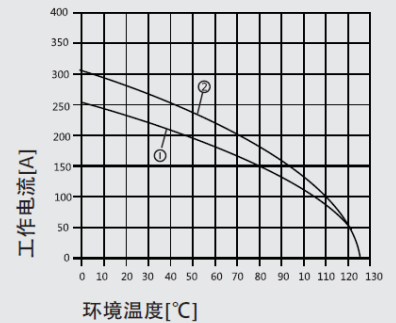
接插件针数 Number of contacts	1
依据 EN 61 984 的电气数据 Electrical data According to EN 61 984	
额定电流 Current rating	200A
额定电压 Voltage Rating	1000V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
依据UL的额定电压 Voltage Rating according UL	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

插针

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	0.2mΩ
电缆绞线依据 IEC 60 228-5	
轴向螺栓连接 Axial screw terminal	
mm ²	25-70mm ²
AWG	2-0
内六角扳手	SW 5
剥线长度 stripping length	16mm
拧紧力矩 Tightening torque	
-mm ²	25 35 50 70
-Nm	8 8 9 10

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

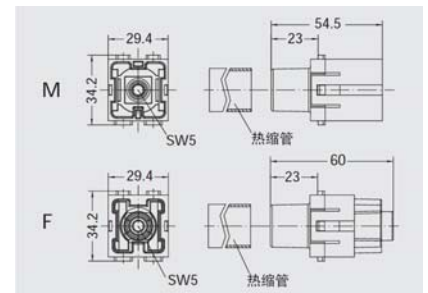


- ① 24B外壳带3个模块，导线截面：50mm²
- ② 24B外壳带3个模块，导线截面：70mm²

轴向螺栓连接 Axial screw terminal



插芯 Inserts	型号 Designation
公	H2MK-001.1-M(25-40mm ²)
	H2MK-001.1-M(40-70mm ²)
母	H2MK-001.1-F(25-40mm ²)
	H2MK-001.1-F(40-70mm ²)



1000V 200A

插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification DIN EN 60 664
DIN EN 61 984

认证 Identification



插芯 Inserts

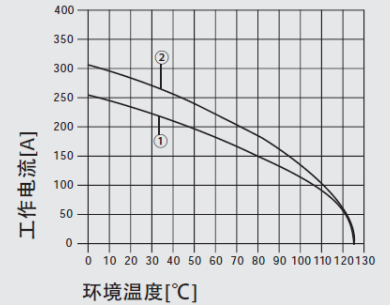
接插件针数 Number of contacts	1
依据 EN 61 984 的电气数据 Electrical data According to EN 61 984	
额定电流 Current rating	200A
额定电压 Voltage Rating	1000V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
依据UL的额定电压 Voltage Rating according UL	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

插针

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	≤0.3mΩ
冷压连接 Crimp terminal	
-mm ²	25-70mm ²
剥线长度 stripping length	22.5mm
最大电缆直径	18mm

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5

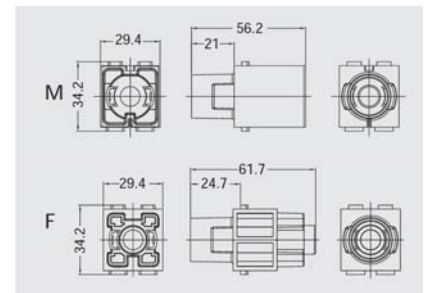


- ① 24B外壳带3个模块, 导线截面: 50mm²
- ② 24B外壳带3个模块, 导线截面: 70mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	H2MK-001-MC
母	H2MK-001-FC



830V 100A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification DIN EN 60 664
DIN EN 61 984

认证 Identification

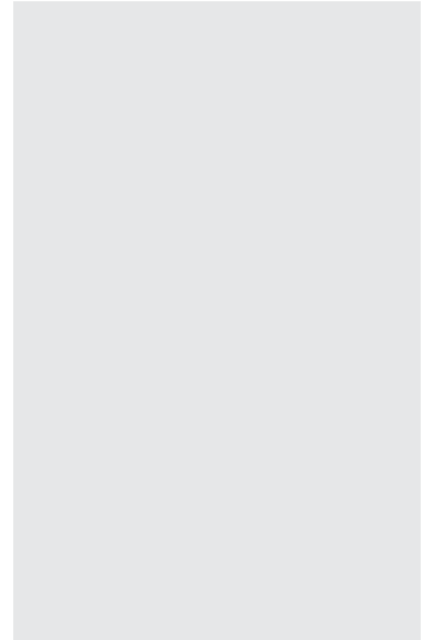


插芯 Inserts

接插件针数 Number of contacts	1
依据 EN 61 984 的电气数据 According to EN 61 984	
额定电流 Current rating	100A
额定电压 Voltage Rating	830V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
最大绝缘直径 Max.insulation diameter	13mm

插针

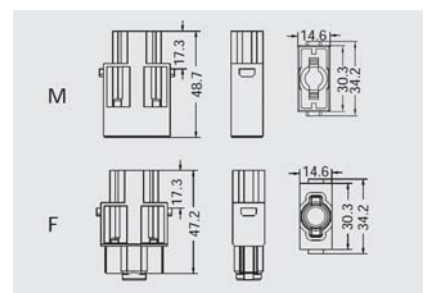
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	≤0.3mΩ
冷压连接 Crimp terminal	
-mm ²	10-35mm ²



冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HMK-001-MC
母	HMK-001-FC



1000V 100A

插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification DIN EN 60 664
DIN EN 61 984

认证 Identification



插芯 Inserts

接插件针数 Number of contacts 2

依据 EN 61 984 的电气数据 Electrical data

额定电流 Current rating 100A

额定电压 Rated voltage 1000V

额定脉冲电压 Impulse voltage Rating 8KV

污染程度 Pollution degree 3

依据UL的电压 Voltage Rating according to UL 600V

绝缘电阻 Insulation resistance $\geq 10^{10}\Omega$

材料 Material 聚碳酸酯 Polycarbonate

工作温度范围 Limiting temperatures -40°C...+125°C

依据UL94的阻燃等级 Flammability V0

可插拔次数 Mating cycles ≥ 500

插针 contacts

材料 Material 铜合金 Copper alloy

表面处理 Surface 镀银 Hard-silver plated

接触电阻 Contact resistance 0.3m Ω

电缆绞线依据 IEC 60 228-5 For standard wire according to IEC 60228 Class 5

轴向螺栓连接 Axial screw terminal Axial screw terminal

mm² 10-38mm²

AWG 6-2

内六角扳手 SW 4

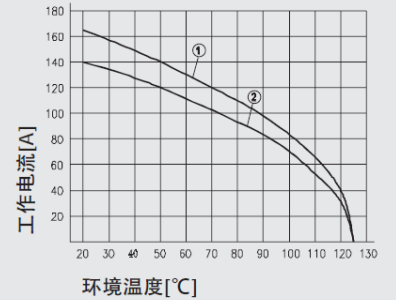
剥线长度 stripping length 13mm

拧紧力矩 Tightening torque mm² 10 16 25 35

Nm 6 6 7 8

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

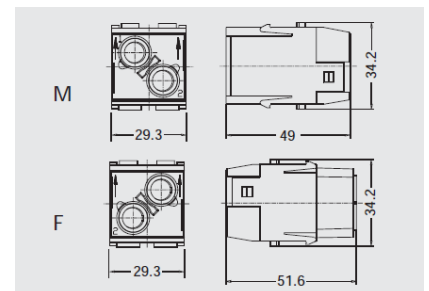


- ① 24B外壳带3个模块, 导线截面: 35mm²
- ② 24B外壳带3个模块, 导线截面: 25mm²

轴向螺栓连接 Axial screw terminal



插芯 Inserts	型号 Designation
公	H2MK-002.1-M(10-25mm ²)
	H2MK-002.1-M(16-35mm ²)
母	H2MK-002.1-F(10-25mm ²)
	H2MK-002.1-F(16-35mm ²)



1000V 100A

插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

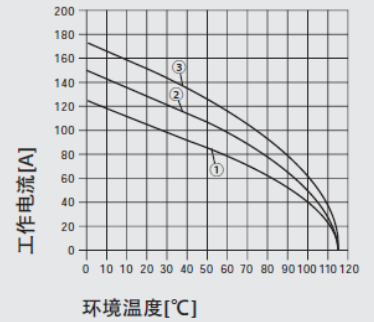
规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification

插芯 Inserts		插针 Pin	
接插件针数 Number of contacts	2	材料 Material	铜合金 Copper alloy
依据 EN 61 984 的电气数据 Electrical data		表面处理 Surface	镀银 Hard-silver plated
额定电流 Current rating	100A	接触电阻 Contact resistance	≤0.3mΩ
额定电压 Voltage Rating	1000V	冷压连接 Crimp terminal	
额定脉冲电压 Impulse voltage Rating	8KV	-mm ²	10-35mm ²
污染程度	3	最大电缆线径	14mm
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω		
材料 Material	聚碳酸酯 Polycarbonate		
工作温度范围 Limiting temperatures	-40°C...+125°C		
依据 UL94 的阻燃等级 Flammability	V0		
可插拔次数 Mating cycles	≥500		

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

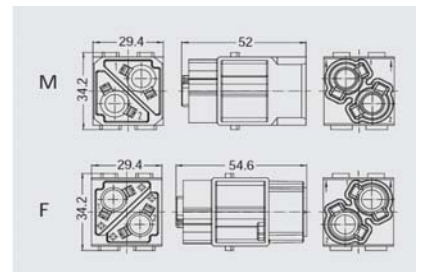


- ① 24B外壳带3个模块，导线截面：16mm²
- ② 24B外壳带3个模块，导线截面：25mm²
- ③ 24B外壳带3个模块，导线截面：35mm²

冷压连接 Crimp terminal




插芯 Inserts	型号 Designation
公	H2MK-002-MC
母	H2MK-002-FC



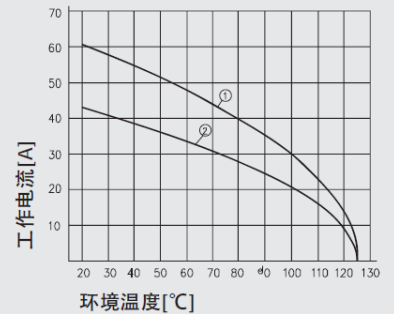
1000V 70A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	插针 contacts
接插件针数 Number of contacts	2
依据 EN 61 984 的电气数据 Electrical data	
额定电流 Current rating	70A
额定电压 Voltage Rating	1000V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
依据 UL 的额定电压	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
	材料 Material 铜合金 Copper alloy
	表面处理 Surface 镀银 Hard-silver plated
	接触电阻 Contact resistance 0.5mΩ
	电缆绞线依据 IEC 60 228-5
	轴向螺栓连接 Axial screw terminal
	mm ² 6-22mm ²
	AWG 8-4
	内六角扳手 SW 2.5
	剥线长度 stripping length
	mm ² 6 10 16 22
	mm 11 ⁺¹ 11 ⁺¹ 11 ⁺¹ 12.5 ⁺¹
	拧紧力度
	mm ² 6 10 16 22
	Nm 2 3 4 5

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

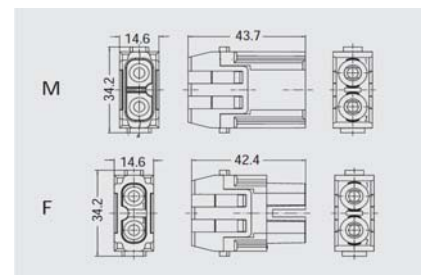


- ① 24B外壳带6个模块，导线截面：10mm²
- ② 24B外壳带6个模块，导线截面：6mm²

轴向螺栓连接 Axial screw terminal



插芯 Inserts	型号 Designation
公	HMK70-002.1-M(6-16mm ²) HMK70-002.2-M(14-22mm ²)
母	HMK70-002.1-F(6-16mm ²) HMK70-002.2-F(14-22mm ²)



1000V 40A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification



插芯 Inserts

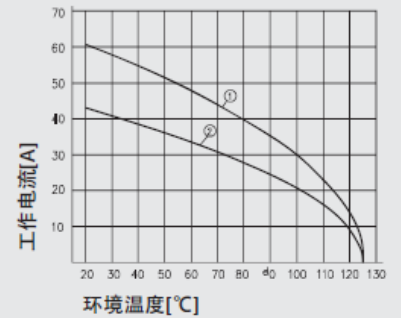
接插件针数 Number of contacts	2
依据 EN 61 984 的电气数据 Electrical data	
额定电流 Current rating	40A
额定电压 Voltage Rating	1000V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
依据UL的额定电压 Voltage Rating according to UL	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

插针

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	0.5mΩ
电缆绞线依据 IEC 60 228-5	
轴向螺栓连接 Axial screw terminal	
mm ²	2.5-10mm ²
AWG	14-8
内六角扳手 SW 2	
剥线长度 stripping length	
mm ²	2.5 4 6 10
mm	5+1 5+1 5+1 5+1
拧紧力度	
mm ²	2.5 4 6 10
Nm	1.5 1.5 2 2

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5

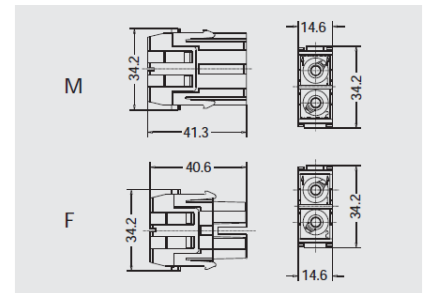


- ① 24B外壳带6个模块，导线截面：10mm²
- ② 24B外壳带6个模块，导线截面：6mm²

轴向螺栓连接 Axial screw terminal



插芯 Inserts	型号 Designation
公	HMK-002.1-M(2.5-8mm ²)
	HMK-002.2-M(6-10mm ²)
母	HMK-002.1-F(2.5-8mm ²)
	HMK-002.2-F(6-10mm ²)



1000V 70A 插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification

插芯 Inserts

接插件针数 Number of contacts	2
-----------------------------	---

依据 EN 61 984 的电气数据 Electrical data

额定电流 Current rating	40A
------------------------	-----

额定电压 Voltage Rating	1000V
------------------------	-------

额定脉冲电压	8KV
--------	-----

污染程度 Pollution degree	3
--------------------------	---

绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
-------------------------------	----------------------

材料 Material	聚碳酸酯 Polycarbonate
-------------	-----------------------

工作温度范围 Limiting temperatures	-40°C...+125°C
---------------------------------	----------------

依据 UL94 的阻燃等级 Flammability	V0
-------------------------------	----

可插拔次数 Mating cycles	≥ 500
------------------------	------------

插针 contacts

材料 Material	铜合金 Copper alloy
-------------	------------------

表面处理 Surface	镀银 Hard-silver plated
--------------	--------------------------

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

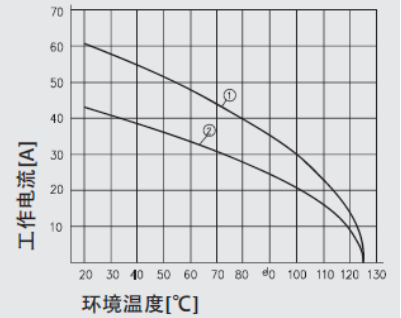
冷压连接 Crimp terminal	
---------------------	--

-mm ²	1.5-10mm ²
------------------	-----------------------

-AWG	16-8
------	------

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5



① 24B外壳带6个模块，导线截面：10mm²

② 24B外壳带6个模块，导线截面：6mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HMK-002-MC
母	HMK-002-FC

690V 40A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	插针
接插件针数 Number of contacts	3
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984	材料 Material 铜合金 Copper alloy 表面处理 Surface 镀银 Hard-silver plated 接触电阻 Contact resistance 0.3mΩ
额定电流 Current rating	40A
额定电压 Voltage Rating	690V
额定脉冲电压 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
依据UL的额定电压	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

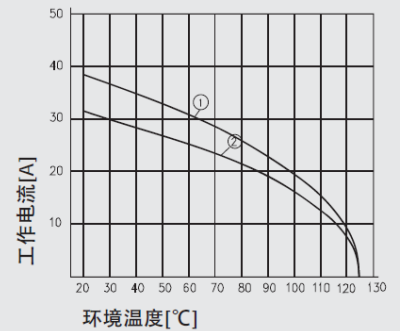
轴向螺栓连接 Axial screw terminal

插芯 Inserts	型号 Designation
公	HMK-003.1-M(2.5-8mm ²) HMK-003.2-M(6-10mm ²)
母	HMK-003.1-F(2.5-8mm ²) HMK-003.2-F(6-10mm ²)

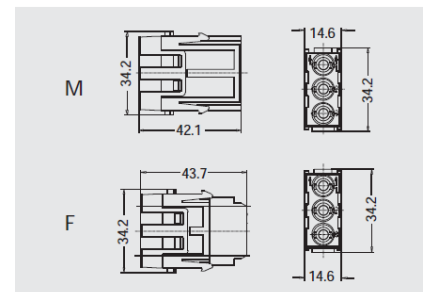


电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5



- ① 24B外壳带6个模块，导线截面：6mm²
- ② 24B外壳带6个模块，导线截面：4mm²



830/830V 40/10A

插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification



插芯 Inserts

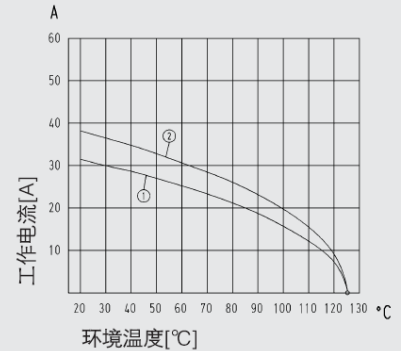
插针 contacts

接插件针数 Number of contacts	3/4
依据 EN 61 984 的电气数据 Electrical data	
额定电流 Current rating	40A
额定电压 Voltage Rating	830V
额定脉冲电压	8KV
污染程度 Pollution degree	3
依据UL的额定电压 Voltage Rating according to UL	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated 镀金 Hard-gold plated
接触电阻 Contact resistance	
-电力区	≤0.3mΩ
-信号区	≤3mΩ
冷压连接 Crimp terminal	
-mm ²	
-电力区 Power contacts	1.5-6mm ²
-信号区 Signal contacts	0.14-2.5mm ²
-AWG	
-电力区 Power contacts	16-10
-信号区 Signal contacts	26-14
最大电缆直径 Max.insulation diameter	
-电力区 power contacts	5mm

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5

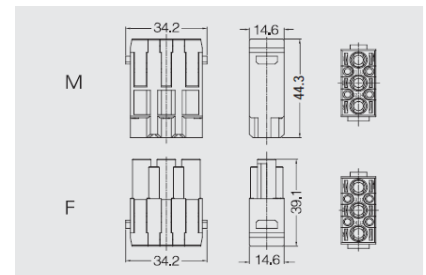


- ① 24B外壳带6个模块，导线截面：4mm²
- ② 24B外壳带6个模块，导线截面：6mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HMK-003/4-MC
母	HMK-003/4-FC



830V 40A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification DIN EN 60 664
DIN EN 61 984

认证 Identification



插芯 Inserts

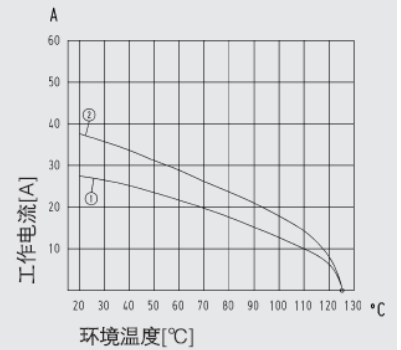
接插件针数 Number of contacts	4
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984	
额定电流 Current rating	40A
额定电压 Voltage Rating	830V
额定脉冲电 Impulse voltage Rating	8KV
污染程度 Pollution degree	3
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
依据UL的额定电压 Voltage Rating according to UL	600V
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

插针

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	≤0.3mΩ
冷压连接 Crimp terminal	
-mm ²	1.5-6mm ²
-AWG	16-10

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5

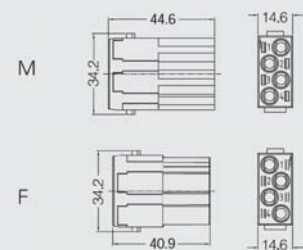


- ① 24B外壳带6个模块，导线截面：4mm²
- ② 24B外壳带6个模块，导线截面：6mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HMK-004-MC
母	HMK-004-FC



2900V/5000V 40A

插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification

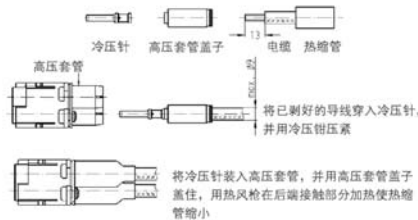


插芯 Inserts

接插件针数 Number of contacts	2
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984	
额定电流 Current rating	40A
相对地额定电压 Voltage Rating conductor-ground	2900V
相间额定电压 Interphase rated voltage	5000V
额定脉冲电压 Impulse voltage Rating	15KV
污染程度 Pollution degree	3
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 / 聚四氟乙烯 Polycarbonate/ Teflon
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
最大电缆直径	9mm
可插拔次数 Mating cycles	≥500

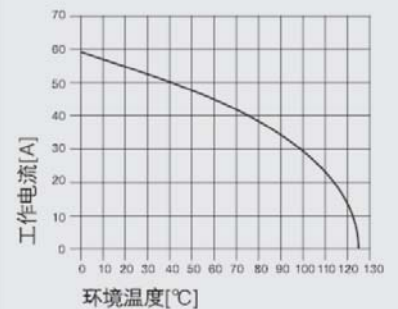
插针 contacts

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	≤0.3mΩ
冷压连接 Crimp terminal	
-mm ²	1.5-10mm ²
-AWG	16-8



电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

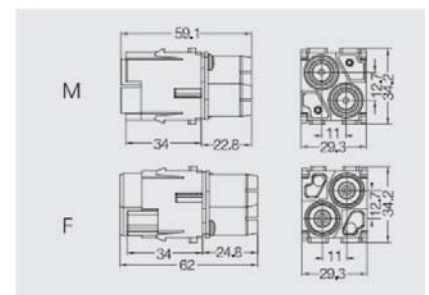


① 16B外壳带1个模块，导线截面：6 mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	H2MVC-002-MC
母	H2MVC-002-FC



2900V/5000V 40A

插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification

插芯 Inserts

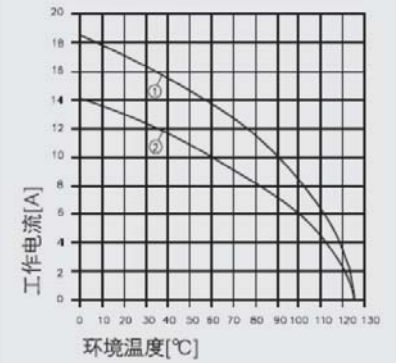
接插件针数 Number of contacts	5
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984	
工作电流 Current rating	16A
工作电压 Voltage Rating	400V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度 Pollution degree	3
依据 UL/CSA 的额定电压 Voltage Rating according to UL/CSA	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 / 聚四氟乙烯 Polycarbonate/ Teflon
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

插针

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	≤3mΩ
冷压连接 Crimp terminal	
-mm ²	0.14-2.5mm ²
-AWG	26-14

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

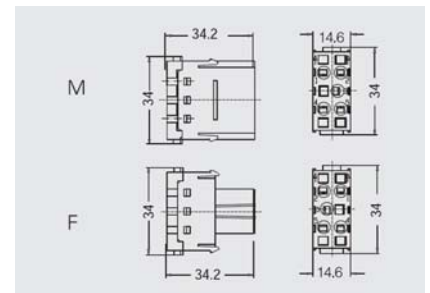


- ① 24B外壳带6个模块，导线截面：2.5mm²
- ② 24B外壳带6个模块，导线截面：1.5mm²

笼式弹片连接 cage-clamp terminal




插芯 Inserts	型号 Designation
公	HME-005-MS
母	HME-005-FS



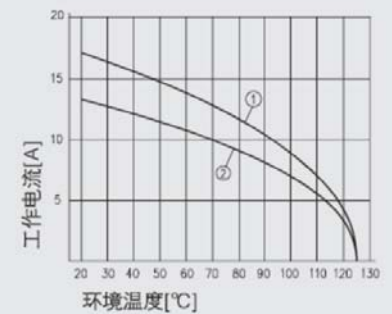
500V 16A 插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts 插针 contacts	
接插件针数 Number of contacts	6
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984	
工作电流 Working current	16A
工作电压 Working voltage	500V
-额定脉冲电压 -Rated pulse voltage	6KV
-污染程度 -Pollution degree	3
依据UL的额定电压 Rated voltage according to UL	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥ 500
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	$\leq 1\text{m}\Omega$
冷压连接 Crimp terminal	
-mm ²	0.14-4mm ²
-AWG	26-12

电流负载能力

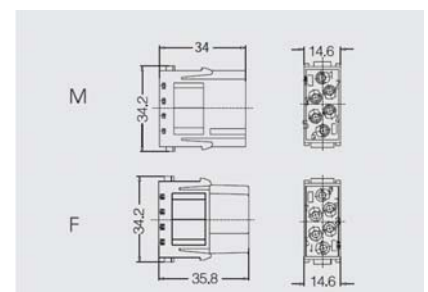
电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5



- ① 24B外壳带6个模块，导线截面：2.5mm²
② 24B外壳带6个模块，导线截面：1.5mm²

冷压连接 Crimp terminal

插芯 Inserts	型号 Designation
公	HME-006-MC
母	HME-006-FC



830V 16A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification DIN EN 60 664
DIN EN 61 984

认证 Identification



插芯 Inserts

接插件针数 Number of contacts 6

依据 EN 61 984 的电气数据 Electrical data according to EN 61 984

工作电流 Rated current 16A

工作电压 Rated voltage 830V

额定脉冲电压 Impulse voltage Rating 8KV

污染程度 Pollution degree 3

依据UL的额定电压 Voltage Rating according 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 $-40^{\circ}\text{C} \dots +125^{\circ}\text{C}$

依据UL94的阻燃等级 Flammability V0

可插拔次数 Mating cycles ≥ 500

插针

材料 Material 铜合金 Copper alloy

表面处理 Surface 镀银 Hard-silver plated

镀金 Hard-gold plated

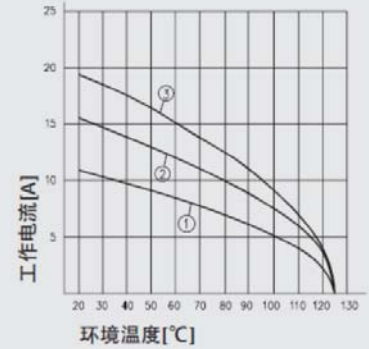
接触电阻 Contact resistance $\leq 1\text{m}\Omega$

冷压连接 Crimp terminal mm^2 0.14-4 mm^2

AWG 26-12

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5

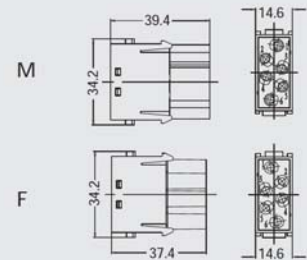


- ① 24B外壳带6个模块, 导线截面: 1.5mm²
- ② 24B外壳带6个模块, 导线截面: 2.5mm²
- ③ 24B外壳带6个模块, 导线截面: 4.0mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HVME-006-MC
母	HVME-006-FC



400V 16A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification

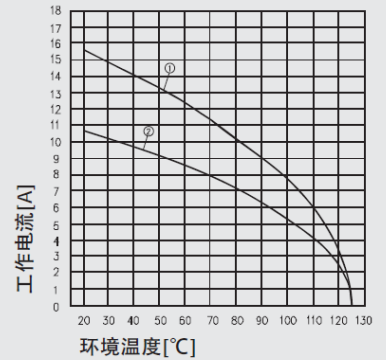
插芯 Inserts  插针 contacts

接插件针数 Number of contacts	8
依据 EN 61 984 的电气数据 Electrical data	
额定电流 Current rating	16A
额定电压 Voltage Rating	400V
额定脉冲电压 Voltage Rating	6KV
污染程度 Pollution degree	3
依据 UL 的额定电压 Voltage Rating according to UL	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500

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	
-mm ²	0.14-4mm ²
-AWG	26-12

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

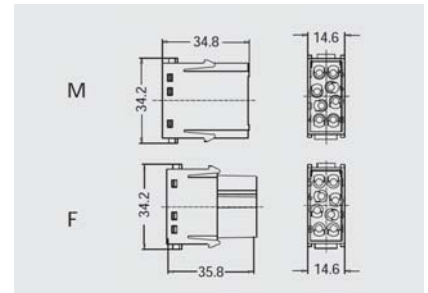


- ① 24B外壳带6个模块, 导线截面: 2.5mm²
- ② 24B外壳带6个模块, 导线截面: 1.5mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HMME-008-MC
母	HMME-008-FC



500V 16A 插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification

插芯 Inserts

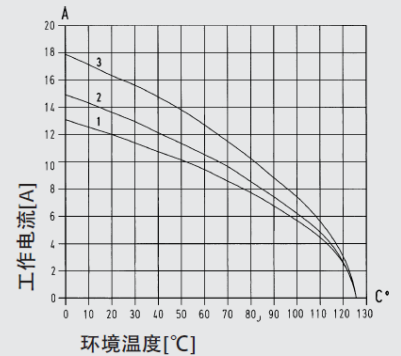
接插件针数 Number of contacts	20
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984	
工作电流 Current rating	16A
工作电压 Voltage Rating	500V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度 Pollution degree	3
依据UL的额定电压 Voltage Rating According UL	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥ 500

插针

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	
-mm ²	0.14-4mm ²
-AWG	26-12

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5



- ① 24B外壳带3个模块, 导线截面: 1.5mm²
- ② 24B外壳带3个模块, 导线截面: 2.5mm²
- ③ 24B外壳带3个模块, 导线截面: 4mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	H2MEE-020-MC
母	H2MEE-020-FC

250V 10A 插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification



插芯 Inserts

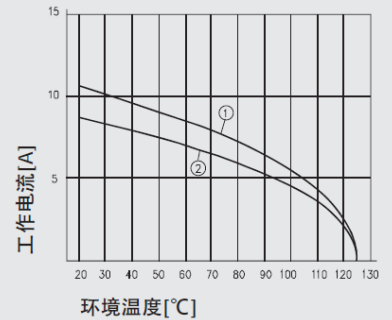
插针 contacts

接插件针数 Number of contacts	12
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984	
工作电流 Current rating	10A
工作电压 Voltage Rating	250V
额定脉冲电压 Impulse voltage Rating	4KV
污染程度 Pollution degree	3
依据UL的额定电压 Voltage Rating according UL	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据UL94的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥ 500

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
	镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 3m\Omega$
冷压连接 Crimp terminal	
-mm ²	0.14-2.5mm ²
-AWG	26-14

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5

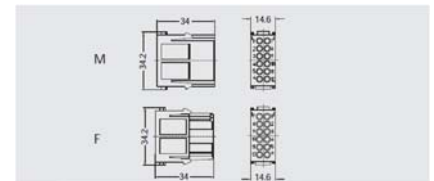


- ① 24B外壳带6个模块, 导线截面: 1.5mm²
② 24B外壳带6个模块, 导线截面: 1.0mm²

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HMD-012-MC
母	HMD-012-FC



160V 10A
插芯 Inserts

技术参数 Technical parameters

规范/认证 Specification/Identification

规范 Specification	DIN EN 60 664
	DIN EN 61 984

认证 Identification

插芯 Inserts		插针	
接插件针数 Number of contacts	17	材料 Material	铜合金 Copper alloy
依据 EN 61 984 的电气数据 Electrical data according to EN 61 984		表面处理 Surface	镀银 Hard-silver plated
工作电流 Current rating	10A		镀金 Hard-gold plated
工作电压 Voltage Rating	160V	接触电阻 Contact resistance	≤3mΩ
额定脉冲电压 Impulse voltage Rating	2.5KV	冷压连接 Crimp terminal	
污染程度 Pollution degree	3	-mm ²	0.14-2.5mm ²
依据UL的额定电压 Voltage Rating according UL	250V	-AWG	26-14
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω		
材料 Material	聚碳酸酯 Polycarbonate		
工作温度范围 Limiting temperatures	-40°C...+125°C		
依据UL94的阻燃等级 Flammability	V0		
可插拔次数 Mating cycles	≥500		

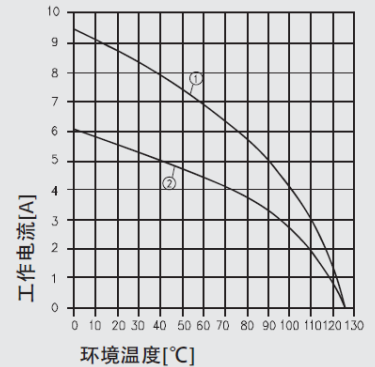
冷压连接 Crimp terminal



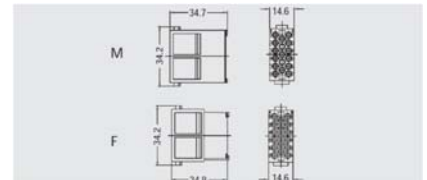
插芯 Inserts	型号 Designation
公	HMDD-017-MC
母	HMDD-017-FC

电流负载能力

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度
测试和控制过程依据DIN EN 60512-5



- ① 24B外壳带6个模块, 导线截面: 1.5mm²
- ② 24B外壳带6个模块, 导线截面: 1.0mm²



10A 冷压针

接触电阻 < 3mΩ

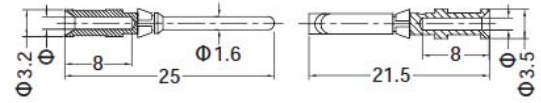
镀银



镀金



公	母
CDSM-0.37	CDSF-0.37
CDSM-0.50	CDSF-0.50
CDSM-0.75	CDSF-0.75
CDSM-1.00	CDSF-1.00
CDSM-1.50	CDSF-1.50
CDSM-2.50	CDSF-2.50
CDSM-3.00	CDSF-3.00
CDSM-4.00	CDSF-4.00
CDGM-0.37	CDGF-0.37
CDGM-0.50	CDGF-0.50
CDGM-0.75	CDGF-0.75
CDGM-1.00	CDGF-1.00
CDGM-1.50	CDGF-1.50
CDGM-2.50	CDGF-2.50
CDGM-3.00	CDGF-3.00
CDGM-4.00	CDGF-4.00



M

F

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

16A 冷压针

接触电阻 < 1mΩ

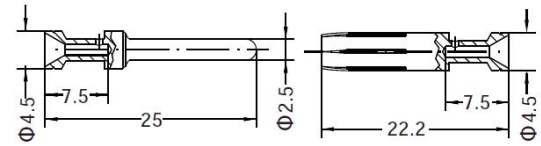
镀银



镀金



公	母
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00
CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.00	CEGF-1.00
CEGM-1.50	CEGF-1.50
CEGM-2.50	CEGF-2.50
CEGM-3.00	CEGF-3.00
CEGM-4.00	CEGF-4.00



M

F

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

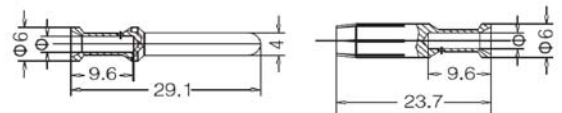
40A 冷压针

接触电阻 < 0.3mΩ

镀银



公	母
CCSM-1.5	CCSF-1.5
CCSM-2.5	CCSF-2.5
CCSM-4.0	CCSF-4.0
CCSM-6.0	CCSF-6.0



M

F

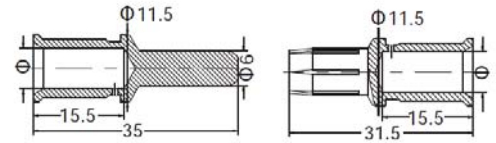
线规	Φ	剥线长度
1.5 mm ²	AWG 16	1.75
2.5mm ²	AWG 14	2.25
4 mm ²	AWG 12	2.85
6 mm ²	AWG 10	3.5
10 mm ²	AWG 8	4.3

70A 冷压针

镀银
接触电阻 $\leq 0.5m\Omega$



公	母
CKSM70-10	CKSF70-10
CKSM70-16	CKSF70-16
CKSM70-25	CKSF70-25



M

F

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

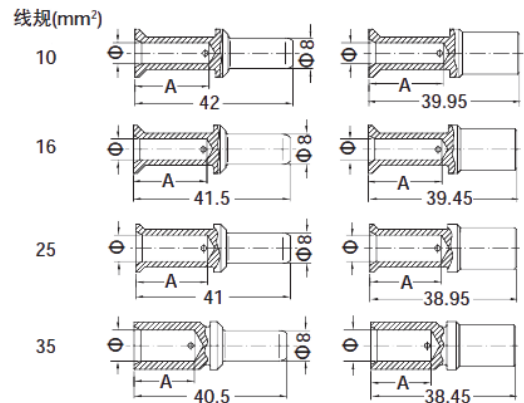
电缆绞线依据 IEC 60 228-5

100A 冷压针

接触电阻 $\leq 0.3m\Omega$
镀银



公	母
CKSM-10	CKSF-10G
CKSM-16	CKSF-16G
CKSM-25	CKSF-25G
CKSM-35	CKSF-35G



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

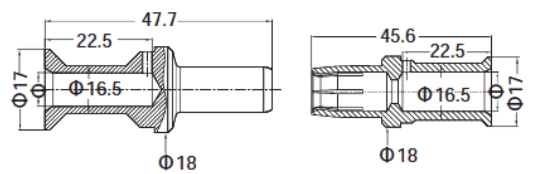
电缆绞线依据 IEC 60 228-5

200A 冷压针

接触电阻 $\leq 0.3m\Omega$
镀银



公	母
CKSM200-25	CKSF200-25
CKSM200-35	CKSF200-35
CKSM200-50	CKSF200-50
CKSM200-70	CKSF200-70



M

F

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

工具 Tools

液压钳



退针器



压接线径	型号 Designation
10-240mm ²	TL05

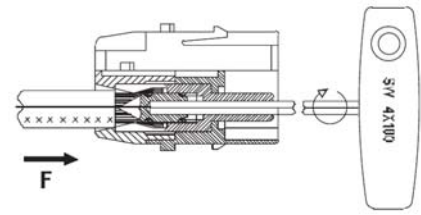
适用范围	型号 Designation
100A 冷压针	TL11

工具 Tools

内六角扳手



描述 Application	型号 Designation
用于轴向夹紧螺栓 带T型把手	SW-2×40



冷压钳



压接线径	型号 Designation
0.14-4mm ²	TL02G
1.5-6mm ²	TL02-0G
4/5/6mm ²	TL02-3G
适用范围	型号 Designation

10A冷压针	TL00
--------	------

用于高压套管盖子的拆卸	TL10
-------------	------

退针器



16A冷压针	TL01
--------	------

40A冷压针	TL06G
--------	-------

HQ系列

HQ series

紧凑小体积型连接器 Compact connector

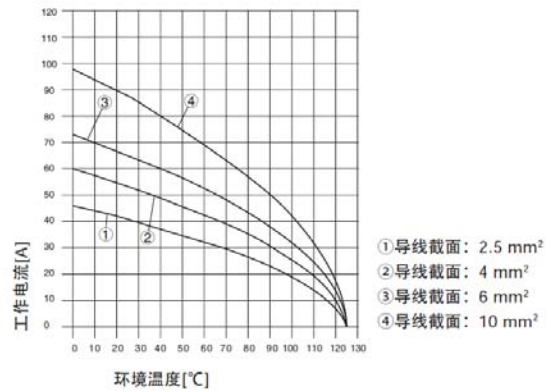


技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	2+PE
按照 DIN EN 61 984 的电气数据 Electrical data according to DIN EN 61 984	
额定电流 Current rating	40A
额定电压 Voltage Rating	830V
额定脉冲电压	6KV
污染程度 Pollution degree	3
依据 UL/CSA 额定电压 Voltage Rating according to UL/CSA	600V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥ 500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1m\Omega$
轴向螺栓连接 Axial screw terminal	
mm ²	2.5-10mm ²
AWG	14-8
拧紧力矩 Tightening torque	1.8Nm
剥线长度 stripping length	8mm ⁺¹
外壳 Hoods/Housings	
塑料外壳 Plastic hoods/housings	
-材料 Material	镀银 Hard-silver plated
-依据 UL94 的阻燃等级 Flammability	V0
联锁状态下依据 DIN EN60 529 的防护等级 Degree of protection according to DIN EN 60 529 for coupled connector	IP67
金属外壳 hoods/housings, metal	
-材料 Material	锌合金 Kirstie
-联锁状态下依据 DIN EN60 529 的防护等级 Degree of protection according to DIN EN 60 529 for coupled connector	IP44

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插接体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



830V 40A 2+ ⊕

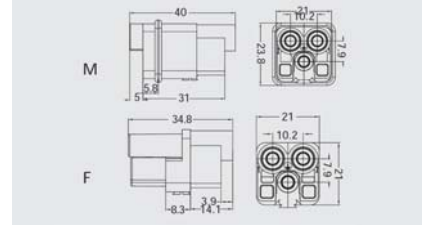


插芯 Inserts

轴向螺丝连接 Axial screw terminal



插芯 Inserts	型号 Designation
公	HQ-002.1-M(2.5-6.0mm ²)
	HQ-002.2-M(4-10mm ²)
母	HQ-002.1-F(2.5-6.0mm ²)
	HQ-002.2-F(4-10mm ²)



技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification 	
插芯 Inserts	
接插件针数 Number of contacts	2+PE
按照 DIN EN 61 984 的电气数据 Electrical data according to DIN EN 61984	
额定电流 Current rating	40A
额定电压 Voltage Rating	400V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度	3
依据 UL/CSA 额定电压	400V
绝缘电阻 Insulation resistance	$\geq 10^{10}\Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥ 500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1m\Omega$
轴向螺栓连接 Axial screw terminal	
mm ²	2.5-10mm ²
AWG	14-8
拧紧力矩 Tightening torque	1.8Nm
剥线长度 stripping length	8mm ⁺¹
外壳 Hoods/Housings	
塑料外壳 Plastic hoods/housing	
材料 Material	镀银 Hard-silver plated
依据 UL94 的阻燃等级 Flammability	V0
联锁状态下依据 DIN EN60 529 的防护等级	IP67
Degree of protection according to DIN EN 60 529 for coupled connector	
金属外壳 hoods/housings, metal	
材料 Material	锌合金 Kirstie
联锁状态下依据 DIN EN60 529 的防护等级	IP44
Degree of protection according to DIN EN 60 529 for coupled connector	
	IP67(实现螺栓密封)

电流负载能力 Current carrying capacity

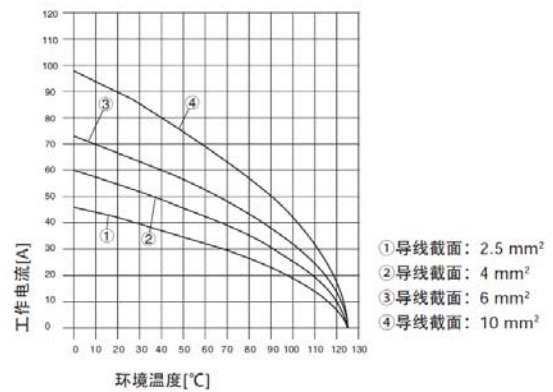
电流负载能力所受的限制主要来自包含接

插针的插接体可承受的最大温度

测试和控制过程依据 DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature

Testing and control according to DIN EN 60512-5



400V 40A 2+ ⊕

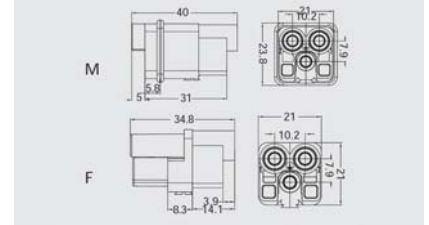


插芯 Inserts

轴向螺丝连接 Axial screw terminal



插芯 Inserts	型号 Designation
公	HQV-002.1-M(2.5-6.0mm ²)
	HQV-002.2-M(4-10mm ²)
母	HQV-002.1-F(2.5-6.0mm ²)
	HQV-002.2-F(4-10mm ²)



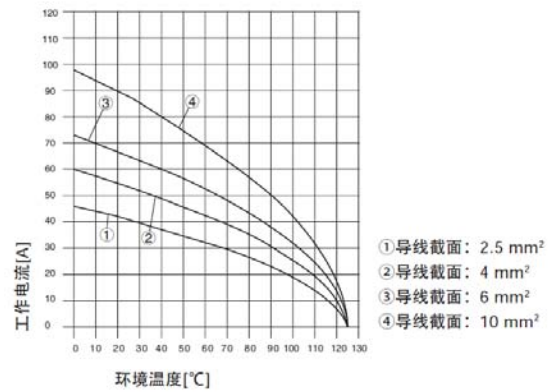
技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	6+PE
按照 DIN EN 61 984 的电气数据 Electrical data according to DIN EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	230V
额定脉冲电压	4KV
Impulse voltage Rating	
污染程度 Pollution degree	3
污染等级 2 时的参数 Parameters of degree 2 of pollution degree	16A 320/500V 4KV 2
依据 UL/CSA 额定电压	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	≤1mΩ
冷压连接 Crimp terminal	
mm ²	0.14-2.5mm ²
AWG	26-14
冷压连接 Crimp terminal	
mm ²	2.5mm ²
AWG	14
外壳 Hoods/housings	
塑料外壳 Plastic hoods/housing	
材料 Material	聚碳酸酯 Polycarbonate
依据 UL94 的阻燃等级 Flammability	V0
联锁状态下依据 DIN EN60 529 的防护等级 Degree of protection according to DIN EN 60 529 for coupled connector	IP67
金属外壳 hoods/housings, met- al	
材料 Material	锌合金 Kirstie Kirstie
联锁状态下依据 DIN EN60 529 的防护等级 Degree of protection according to DIN EN 60 529 for coupled Connector	IP44 IP67(实现螺栓密封)

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
插针的插接体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5

Current load capacity, mainly from the restrictions include plug
of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



230/400V 16A 5+⊕

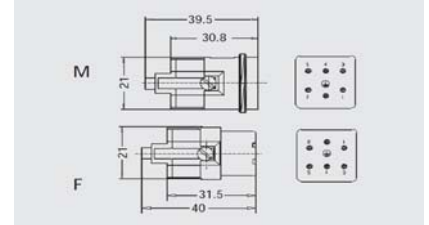


插芯 Inserts

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HQ-005/0-MC
母	HDD-005/0-FC

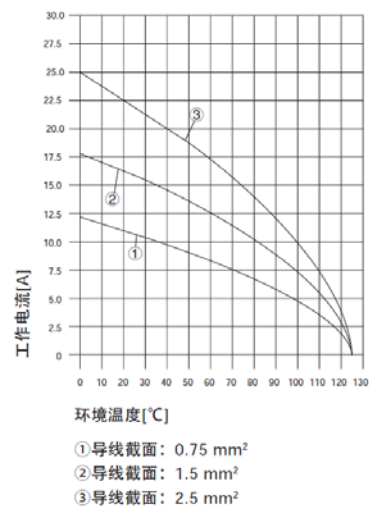


技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	7+PE
按照 DIN EN 61 984 的电气数据 Electrical data according to DIN EN 61 984	
额定电流 Current rating	10A
额定电压 Voltage Rating	400V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度 Pollution degree	3
当污染等级2时的参数 Parameters of degree 2 of pollution degree	10A 400/690V 6KV 2
依据 UL/CSA 额定电压 Voltage Rating according to UL/CSA	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C... +125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	≤3mΩ
冷压连接 Crimp terminal	
mm ²	0.14-2.5mm ²
AWG	26-14
PE 螺丝连接	
mm ²	2.5mm ²
AWG	14
外壳 Hoods/Housings	
塑料外壳 Plastic hoods/housings	
材料 Material	聚碳酸酯 Polycarbonate
依据 UL94 的阻燃等级 Flammability	V0
联锁状态下依据 DIN EN60 529 的防护等级	IP67
EN60 529 的防护等级 Degree of protection according to DIN EN 60 529 for coupled connector	
金属外壳 hoods/housings, met- al	
材料 Material	锌合金 Kirstie
联锁状态下依据 DIN EN60 529 的防护等级 Degree of protection according to DIN EN 60 529 for coupled connector	IP44 IP67(实现螺栓密封)

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插接体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



400V 10A 7+⊕

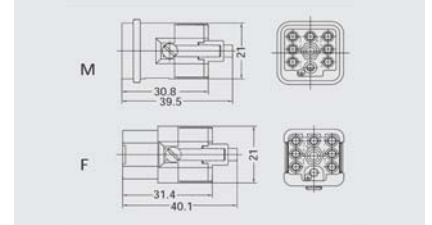


插芯 Inserts

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HQ-007/0-MC
母	HQ-007/0-FC



400V 10A 12+⊕

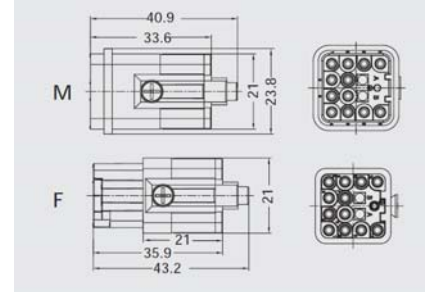


插芯 Inserts


冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HQ-012/0-MC
母	HQ-012/0-FC

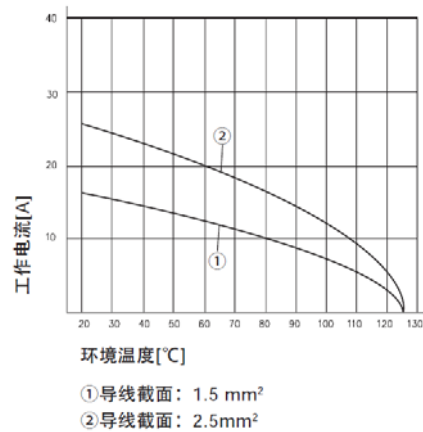


技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	8+PE
按照 DIN EN 61 984 的电气数据 Electrical data according to DIN EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	500V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度 Pollution degree	3
当污染等级2时的参数	16A 400/690V 6KV 2
安装金属外壳时	16A 230/400V 4KV 3
依据 UL/CSA 额定电压 Voltage Rating according to UL/CSA	600V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	≤1mΩ
冷压连接 Crimp terminal	
mm ²	0.14-4mm ²
AWG	26-12
外壳 Hoods/Housings	
塑料外壳 Plastic hoods/housings	
材料 Material	聚碳酸酯 Polycarbonate
联锁元件 Locking element	聚酰胺(尼龙) polyamide
外壳密封 Hoods/housings seal	丁腈橡胶 NBR
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
联锁状态下依据 DIN EN60 529 的防护等级	IP65
金属外壳 hoods/housings, metal	
材料 Material	金属
联锁元件 Locking element	不锈钢
外壳密封 Hoods/housings seal	丁腈橡胶 NBR
依据 UL94 的阻燃等级 Flammability	V0
工作温度范围 Limiting temperatures	-40°C...+125°C
联锁状态下依据 DIN EN60 529 的防护等级	IP65
Degree of protection according to DIN EN 60 529 for coupled connector	

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插接体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



500V 16A 8+⊕

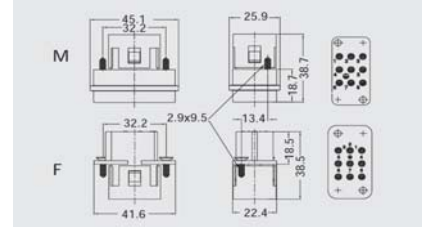


插芯 Inserts

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HQ-008/0-MC
母	HQ-008/0-FC

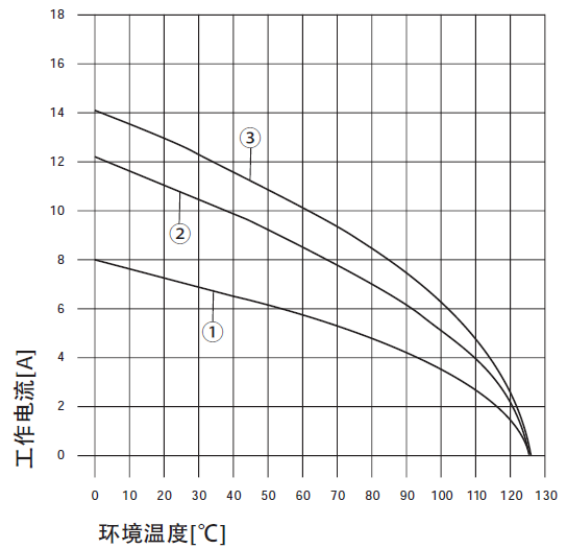


技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	17+PE
按照 DIN EN 61 984 的电气数据 Electrical data according to DIN EN 61 984	
额定电流 Current rating	16A
额定电压 Voltage Rating	250V
额定脉冲电压	4KV
污染程度 Pollution degree	2
依据 UL/CSA 额定电压	250V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围	-40°C...+125°C
Limiting temperatures	
依据 UL94 的阻燃等级	V0
Flammability	
可插拔次数 Mating cycles	≥500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	≤3mΩ
冷压连接 Crimp terminal	
-mm ²	0.14-2.5mm ²
-AWG	26-14
外壳 Hoods/housings	
塑料外壳 Plastic hoods/housings	
材料 Material	聚碳酸酯 Polycarbonate
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	-40°C...+125°C
Limiting temperatures	
依据 UL94 的阻燃等级	V0
Flammability	
联锁状态下依据 DIN	
EN60 529 的防护等级	IP65
Degree of protection according to DIN EN 60 529 for coupled connector	
金属外壳 hoods/housings, metal	
材料 Material	金属
联锁元件 Locking element	不锈钢
外壳密封 Hoods/housings seal	丁腈橡胶 NBR
依据 UL94 的阻燃等级	V0
Flammability	
工作温度范围	-40°C...+125°C
Limiting temperatures	
联锁状态下依据 DIN	
EN60 529 的防护等级	IP65
Degree of protection according to DIN EN 60 529 for coupled connector	

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插接体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



- ① 导线截面: 0.5 mm²
- ② 导线截面: 1.0 mm²
- ③ 导线截面: 1.5 mm²

230/400V 10A 17+⊕

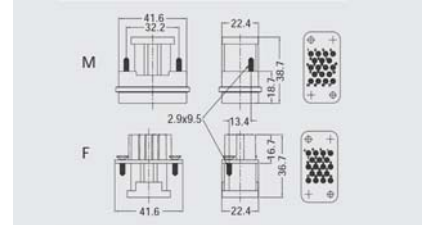


插芯 Inserts

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HQ-017-MC
母	HQ-017-FC

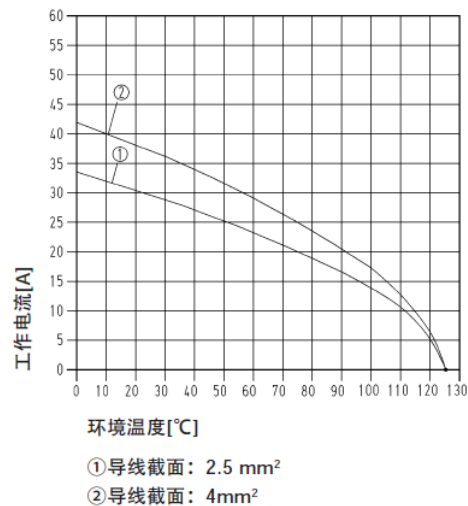


技术参数 Technical parameters

规范/认证 Specification/Identification	
规范 Specification	DIN EN 60 664 DIN EN 61 984
认证 Identification	
插芯 Inserts	
接插件针数 Number of contacts	4/2+PE
按照 DIN EN 61 984 的电气数据 Electrical data according to DIN EN 61 984	
额定电流 Current rating	40A
相对地额定电压 Voltage Rating conductor-ground	400V
相间额定电压 Voltage Rating conductor-conductor	690V
额定脉冲电压 Impulse voltage Rating	6KV
污染程度 Pollution degree	3
信号区 Signal side	
额定电流 Current rating	10A
额定电压 Voltage Rating	250V
额定脉冲电压 Impulse voltage Rating	4KV
污染指数 pollution degree	3
依据 UL/CSA 额定电压 Voltage rating according to UL/CSA	600/250V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C...+125°C
依据 UL94 的阻燃等级 Flammability	V0
可插拔次数 Mating cycles	≥500
插针 contacts	
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	≤0.3mΩ
冷压连接 Crimp terminal	
mm ²	1.5-6mm ² /0.14-2.5mm ²
AWG	16-10/26-14
最大绝缘直径 Max.insulation diameter	
-强电针 Power contacts	5mm
外壳 Hoods/Housings	
塑料外壳 Plastic hoods/housings	
材料 Material	聚碳酸酯 Polycarbonate
联锁元件 Locking element	V0
外壳密封 Hoods/housings seal	
工作温度范围 Limiting temperatures	IP67
依据 UL94 的阻燃等级 Flammability	V0
联锁状态下依据 DIN EN60 529 的防护等级 Degree of protection according to DIN EN 60 529 for coupled connector	IP65

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插接体可承受的最大温度
测试和控制过程依据 DIN EN 60512-5
Current load capacity, mainly from the restrictions include plug of the needle body can withstand maximum temperature
Testing and control according to DIN EN 60512-5



HQ-004/2 紧凑小体积型插芯 Compact inserts

400/690V 40/10A 4/2+⊕

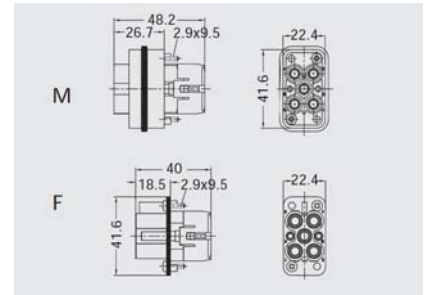


插芯 Inserts

冷压连接 Crimp terminal



插芯 Inserts	型号 Designation
公	HQ-004/2-MC
母	HQ-004/2-FC



附件 Accessories

10A 冷压针

接触电阻 < 3mΩ

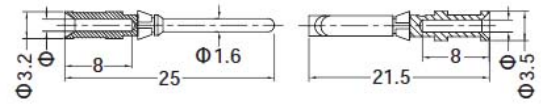
镀银



镀金



公	母
CDSM-0.37	CDSF-0.37
CDSM-0.50	CDSF-0.50
CDSM-0.75	CDSF-0.75
CDSM-1.00	CDSF-1.00
CDSM-1.50	CDSF-1.50
CDSM-2.50	CDSF-2.50
CDSM-3.00	CDSF-3.00
CDSM-4.00	CDSF-4.00
CDGM-0.37	CDGF-0.37
CDGM-0.50	CDGF-0.50
CDGM-0.75	CDGF-0.75
CDGM-1.00	CDGF-1.00
CDGM-1.50	CDGF-1.50
CDGM-2.50	CDGF-2.50
CDGM-3.00	CDGF-3.00
CDGM-4.00	CDGF-4.00



M

F

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

16A 冷压针

接触电阻 < 1mΩ

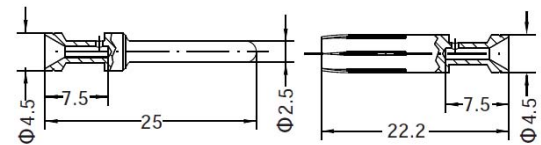
镀银



镀金



公	母
CESM-0.37	CESF-0.37
CESM-0.50	CESF-0.50
CESM-0.75	CESF-0.75
CESM-1.00	CESF-1.00
CESM-1.50	CESF-1.50
CESM-2.50	CESF-2.50
CESM-3.00	CESF-3.00
CESM-4.00	CESF-4.00
CEGM-0.37	CEGF-0.37
CEGM-0.50	CEGF-0.50
CEGM-0.75	CEGF-0.75
CEGM-1.00	CEGF-1.00
CEGM-1.50	CEGF-1.50
CEGM-2.50	CEGF-2.50
CEGM-3.00	CEGF-3.00
CEGM-4.00	CEGF-4.00



M

F

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

工具

冷压钳



退针器



压线线径	型号 Designation
0.5-4mm ²	TL02G
压接线径：0.14-0.37mm ² 请选择TL02G冷压钳	
适用类型	型号 Designation
16A冷压针	TL01

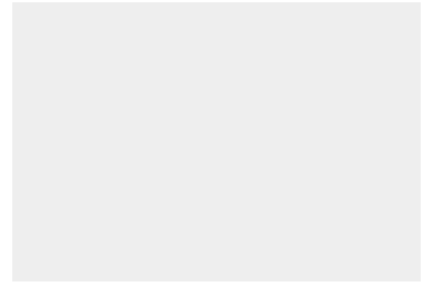
附件 Assessories

工具 Tools

内六角扳手



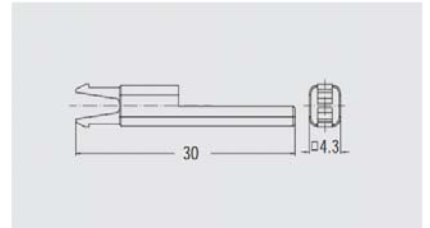
描述 Application	型号 Designation
用于轴向拧紧螺栓带T型把手 For axial setscrew with grip	SW-2×40



编码元件 Coding element



描述 Application	型号 Designation
编码, 防呆 Coding, pokayoke	CODE-Q2



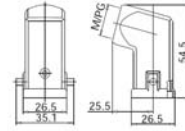
3A 塑料外壳 Plastic hoods/housing

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



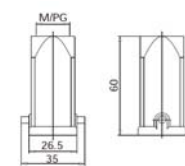
螺纹 Thread	型号 Designation
M20	H3A.P-SE-2B-M20
PG11	H3A.P-SE-2B-PG11



上壳 顶出线 Hoods, top



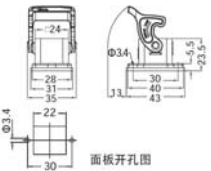
螺纹 Thread	型号 Designation
M20	H3A.P-TE-2B-M20
PG11	H3A.P-TE-2B-PG11



不封底下壳 Housings, bulkhead mounting



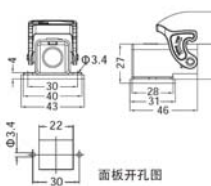
插芯 Inserts	型号 Designation
- - -	H3A.P-BK-1L



不封底下壳 Housings, bulkhead mounting



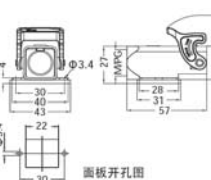
插芯 Inserts	型号 Designation
- - -	H3A.P-BK-1L-M20



封底下壳 Housings, surface mounting



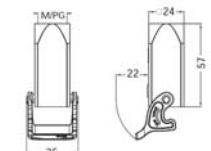
插芯 Inserts	型号 Designation
M20	H3A.P-SF-1L-M20
PG11	H3A.P-SF-1L-PG11



飞线下壳 Housings, cable to cable



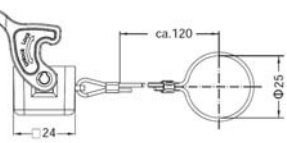
插芯 Inserts	型号 Designation
M20	H3A.P-CCT-1L-M20
PG11	H3A.P-CCT-1L-PG11



防护盖 protection covers



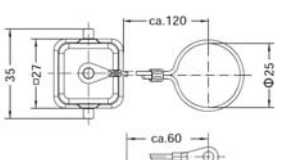
连接方式 Connection Type	型号 Designation
	H3A-CV-1L/1M(配公芯)
	H3A-CV-1L/1F(配母芯)



防护盖 protection covers



连接方式 Connection Type	型号 Designation
	H3A-CV-2B/1M(配公芯)
	H3A-CV-2B/1M(配母芯)
	H3A-CV-2B/1F(配公芯)
	H3A-CV-2B/1F(配母芯)



10A 金属外壳 hoods/housings, metal

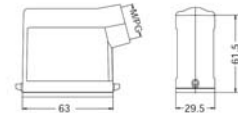
带密封圈

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side



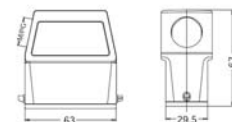
螺纹 Thread	型号 Designation
M20	H10A-SE-2B-M20
PG16	H10A-SE-2B-PG16



上壳 顶出线 高结构 hoods , top entry , high construction



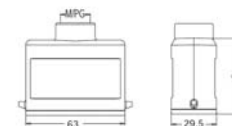
螺纹 Thread	型号 Designation
M25	H10A-SEH-2B-M25
PG16	H10A-SEH-2B-PG16
PG21	H10A-SEH-2B-PG21



上壳 顶出线 Hoods, top



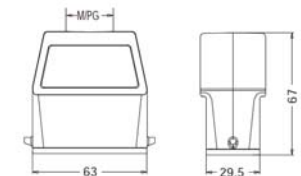
螺纹 Thread	型号 Designation
M20	H10A-TE-2B-M20
PG13.5	H10A-TE-2B-PG13.5



上壳 顶出线 高结构 hoods , top entry , high construction



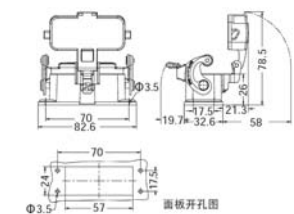
螺纹 Thread	型号 Designation
M25	H10A-TEH-2B-M20
PG16	H10A-TEH-2B-PG16
PG21	H10A-TEH-2B-PG21



不封底下壳 Housings, bulkhead mounting



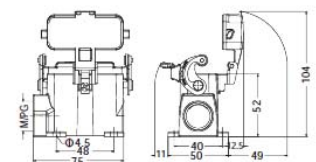
螺纹 Thread	型号 Designation
---	H10A-BK-1L/W
---	带塑料盖 H10A-BK-1L/W-CV
---	带金属盖 H10A-BK-1L/W-MCV



封底下壳 Housings, surface mounting



螺纹 Thread	型号 Designation
M20	H10A-SF-1L/W-M20
2M20	H10A-SF-1L/W-2M20
M25	H10A-SF-1L/W-M25
---	带塑料盖
M20	H10A-SF-1L/W-CV-M20
2M20	H10A-SF-1L/W-CV-2M20
M25	H10A-SF-1L/W-CV-M25
---	带金属盖
M20	H10A-SF-1L/W-MCV-M20
2M20	H10A-SF-1L/W-MCV-2M20
M25	H10A-SF-1L/W-MCV-M25



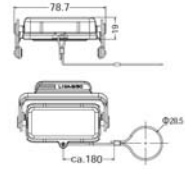
10A 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

防护盖 protection covers



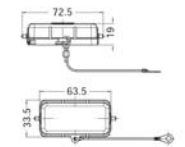
连接方式 Connection Type	型号 Designation
	H10A-MCV-1L/W.1



防护盖 protection covers



连接方式 Connection Type	型号 Designation
	H10A-MCV-2B/1S
	H10A-MCV-2B/2S



16A 金属外壳 hoods/housings, metal

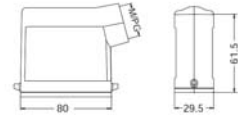
带密封圈

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



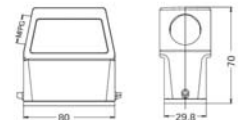
螺纹 Thread	型号 Designation
M20	H16A-SE-2B-M20
PG16	H16A-SE-2B-PG16



上壳 侧出线 高结构 Hoods, side entry , high construction



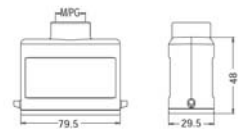
螺纹 Thread	型号 Designation
M25	H16A-SEH-2B-M25
PG16	H16A-SEH-2B-PG16
PG21	H16A-SEH-2B-PG21



上壳 顶出线 Hoods, top entry



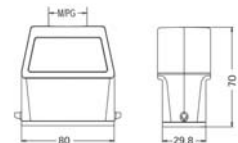
螺纹 Thread	型号 Designation
M20	H16A-TE-2B-M20
PG16	H16A-TE-2B-PG16



上壳 顶出线 高结构 hoods , top entry , high construction



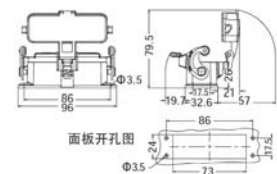
螺纹 Thread	型号 Designation
M25	H16A-TEH-2B-M20
PG16	H16A-TEH-2B-PG16
PG21	H16A-TEH-2B-PG21



不封底下壳 Housings, bulkhead mounting



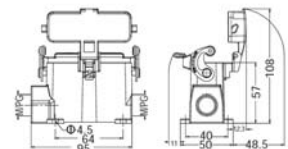
螺纹 Thread	型号 Designation
---	H16A-BK-1L/W
---	带塑料盖 H16A-BK-1L/W-CV
---	带金属盖 H16A-BK-1L/W-MCV



封底下壳 Housings, surface mounting



螺纹 Thread	型号 Designation
M20	H16A-SF-1L/W-M20
2M20	H16A-SF-1L/W-2M20
M25	H16A-SF-1L/W-M25
---	带塑料盖
M20	H16A-SF-1L/W-CV-M20
2M20	H16A-SF-1L/W-CV-2M20
M25	H16A-SF-1L/W-CV-M25
---	带金属盖
M20	H16A-SF-1L/W-MCV-M20
2M20	H16A-SF-1L/W-MCV-2M20
M25	H16A-SF-1L/W-MCV-M25



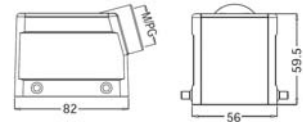
32A 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



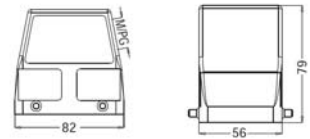
螺纹 Thread	型号 Designation
M25	H32A-SE-4B-M25
PG21	H32A-SE-4B-PG21



上壳 侧出线 高结构 Hoods, side entry , high construction



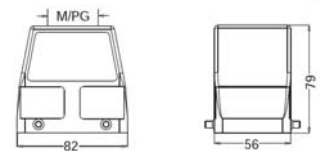
螺纹 Thread	型号 Designation
M32	H32A-SEH-4B-M32
PG21	H32A-SEH-4B-PG21
PG29	H32A-SEH-4B-PG29



上壳 顶出线 高结构 hoods , top entry , high construction



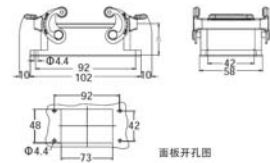
螺纹 Thread	型号 Designation
M25	H32A-TEH-4B-M25
M32	H32A-TEH-4B-M25
PG21	H32A-TEH-4B-PG21
PG29	H32A-TEH-4B-M29



不封底下壳 Housings, bulkhead mounting



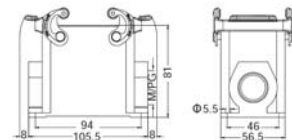
插芯 Inserts	型号 Designation
---	H32A-BK-2L/W



封底下壳 Housings, surface mounting



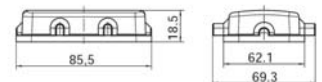
插芯 Inserts	型号 Designation
M25	H32A-SF-2L/W-M25
M32	H32A-SF-2L/W-M32
2M32	H32A-SF-2L/W-2M32
PG21	H32A-SF-2L/W-PG21



保护盖 Protection cover



连接方式 Connection Type	型号 Designation
	H32A-CV-4B/1
	H32A-CV-4B/1



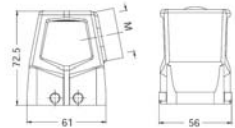
6B 塑料外壳 Plastic hoods/housings

防护等级 Degree of protection: IP65

上壳 侧出线 高结构 Hoods, side entry , high construction



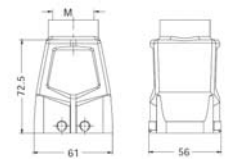
螺纹 Thread	型号 Designation
M25	H6B.P-SEH-4B-M25
M32	H6B.P-SEH-4B-M32



上壳 顶出线 高结构 Hoods, top entry , high construction



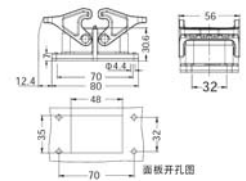
螺纹 Thread	型号 Designation
M25	H6B.P-TEH-4B-M25
M32	H6B.P-TEH-4B-M32



不封底下壳 Housings, bulkhead mounting



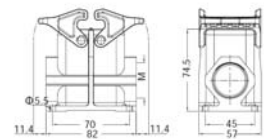
螺纹 Thread	型号 Designation
- - -	H6B.P-BK-2L



封底下壳 高结构 Housings, surface mounting



螺纹 Thread	型号 Designation
M25	H6B.P-SFH-2L-M25
2M25	H6B.P-SFH-2L-M25
M32	H6B.P-SFH-2L-M25
2M32	H6B.P-SFH-2L-M25



防护盖 用于下壳 Protection covers for housings



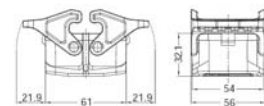
螺纹 Thread	型号 Designation
- - -	H6B.P-CV-4B/2



防护盖 用于上壳 Protection covers for hoods



螺纹 Thread	型号 Designation
- - -	H6B.P-CV-2L/1



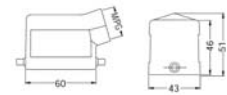
6B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



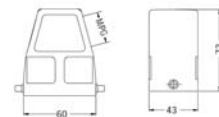
螺纹 Thread	型号 Designation
M25	H6B-SEH-2B-M25
M32	H6B-SEH-2B-M32



上壳 侧出线, 高结构 Hoods,side entry, high construction



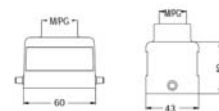
螺纹 Thread	型号 Designation
M25	H6B-SEH-2B-M25
M32	H6B-SEH-2B-M32
PG21	H6B-SEH-2B-PG21



上壳 顶出线 Hoods, top entry



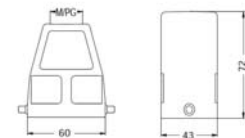
螺纹 Thread	型号 Designation
M20	H6B-TE-2B-M20
PG13.5	H6B-TE-2B-PG13.5
PG16	H6B-TE-2B-PG16



上壳 顶出线 Hoods, top entry,high construction



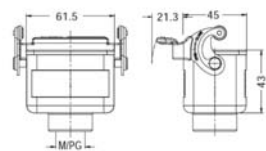
螺纹 Thread	型号 Designation
M25	H6B-TEH-2B-M25
M32	H6B-TEH-2B-M32
PG21	H6B-TEH-2B-PG21



飞线下壳 Housings, cable to cable



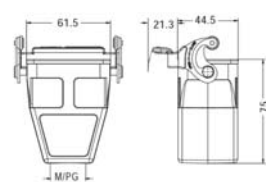
螺纹 Thread	型号 Designation
M20	H6B-CCT-1L/W-M20
PG13.5	H6B-CCT-1L/W-PG13.5
PG16	H6B-CCT-1L/W-PG16



飞线下壳 高结构 Housings,cable to cable, high construction



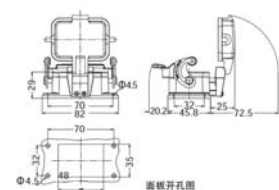
螺纹 Thread	型号 Designation
M25	H6B-CCTH-1L/W-M25
PG21	H6B-CCTH-1L/W-PG21



不封底下壳 Housings, bulkhead mounting



螺纹 Thread	型号 Designation
---	H6B-BK-1L/W
---	带塑料盖
---	H6B-BK-1L/W
---	带金属料盖
---	H6B-BK-1L/W-MCV



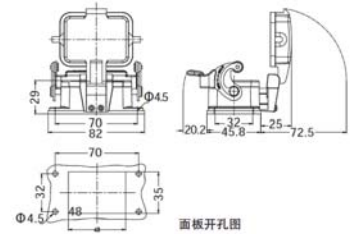
6B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

封底下壳 Housings, surface mounting



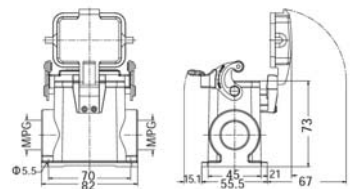
螺纹 Thread	型号 Designation
M20	H6B-SF-1L/W-M20
2M20	H6B-SF-1L/W-2M20
M25	H6B-SF-1L/W-M25
带塑料盖	
M20	H6B-SF-1L/W-CV-M20
2M20	H6B-SF-1L/W-CV-2M20
M25	H6B-SF-1L/W-CV-M25
带金属盖	
M20	H6B-SF-1L/W-MCV-M20
2M20	H6B-SF-1L/W-MCV-2M20
M25	H6B-SF-1L/W-MCV-M25



封底下壳 高结构 Housings, surface mounting, high construction



螺纹 Thread	型号 Designation
M25	H6B-SFH-1L/W-M25
2M20	H6B-SFH-1L/W-2M20
M32	H16A-SF-1L/W-M32
带塑料盖	
M25	H6B-SFH-1L/W-CV-M25
2M25	H6B-SFH-1L/W-CV-2M25
M25	H6B-SFH-1L/W-CV-M25
带金属盖	
M25	H6B-SFH-1L/W-MCV-M25
2M25	H6B-SF-1L/W-MCV-2M25
M25	H6B-SF-1L/W-MCV-M25



防护盖 Protection covers



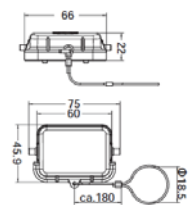
连接方式 Connection Type	型号 Designation
- - -	H6B-CV-2C



防护盖 Protection covers



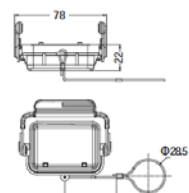
连接方式 Connection Type	型号 Designation
	H6B-MCV-2B/1
	H6B-MCV-2B/2



防护盖 Protection covers



连接方式 Connection Type	型号 Designation
	H6B-MCV-1L/W.1S



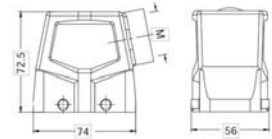
10B 塑料外壳 Plastic hoods/housings

防护等级 Degree of protection: IP65

上壳 侧出线 高结构 Hoods, side entry , high construction



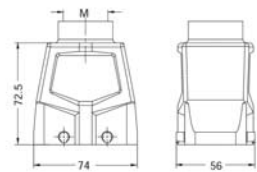
螺纹 Thread	型号 Designation
M25	H10B.P-SEH-4B-M25
M32	H10B.P-SEH-4B-M32



上壳 顶出线 高结构 Hoods, top entry , high construction



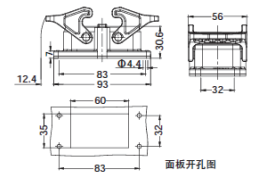
螺纹 Thread	型号 Designation
M25	H10B.P-TEH-4B-M25
M32	H10B.P-TEH-4B-M32



不封底下壳 Housings, bulkhead mounting



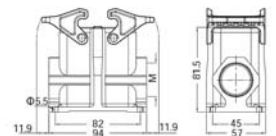
螺纹 Thread	型号 Designation
- - -	H10B.P-BK-2L



封底下壳 高结构 Housings, surface mounting



螺纹 Thread	型号 Designation
M25	H10B.P-SFH-2L-M25
2M25	H10B.P-SFH-2L-M25
M32	H10B.P-SFH-2L-M25
2M32	H10B.P-SFH-2L-M25



防护盖 用于下壳 Protection covers for housings



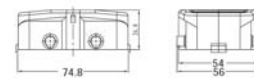
螺纹 Thread	型号 Designation
- - -	H10B.P-CV-4B/2



防护盖 用于上壳 Protection covers for hoods



螺纹 Thread	型号 Designation
- - -	H10B.P-CV-2L/1



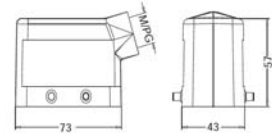
10B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



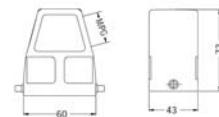
螺纹 Thread	型号 Designation
M25	H10B-SEH-2B-M25
M32	H10B-SEH-2B-M32



上壳 侧出线, 高结构 Hoods,side entry, high construction



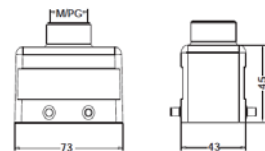
螺纹 Thread	型号 Designation
M25	H10B-SEH-2B-M25
M32	H10B-SEH-2B-M32
PG21	H10B-SEH-2B-PG21



上壳 顶出线 Hoods, top entry



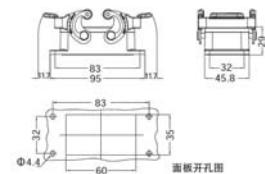
螺纹 Thread	型号 Designation
M20	H10B-TE-2B-M20
PG13.5	H10B-TE-2B-PG13.5
PG16	H10B-TE-2B-PG16



上壳 顶出线 Hoods, top entry,high construction



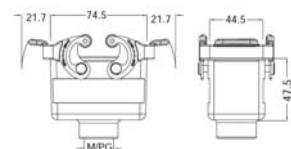
螺纹 Thread	型号 Designation
M25	H10B-TEH-2B-M25
M32	H10B-TEH-2B-M32
PG21	H10B-TEH-2B-PG21



飞线下壳 Housings, cable to cable



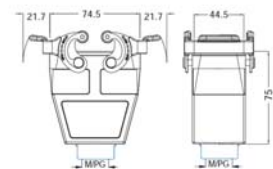
螺纹 Thread	型号 Designation
M20	H10B-CCT-1L/W-M20
PG13.5	H10B-CCT-1L/W-PG13.5
PG16	H10B-CCT-1L/W-PG16



飞线下壳 高结构 Housings,cable to cable, high construction



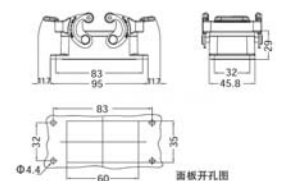
螺纹 Thread	型号 Designation
M25	H10B-CCTH-1L/W-M25
PG21	H10B-CCTH-1L/W-PG21



不封底下壳 Housings, bulkhead mounting



螺纹 Thread	型号 Designation
---	H10B-BK-1L/W
---	带塑料盖
---	H10B-BK-1L/W
---	带金属材料盖
---	H10B-BK-1L/W-MCV



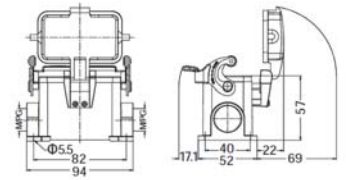
10B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

封底下壳 Housings, surface mounting



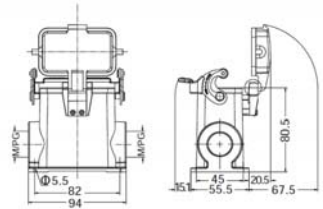
螺纹 Thread	型号 Designation
M20	H10B-SF-1L/W-M20
2M20	H10B-SF-1L/W-2M20
M25	H10B-SF-1L/W-M25
带塑料盖	
M20	H10B-SF-1L/W-CV-M20
2M20	H10B-SF-1L/W-CV-2M20
M25	H10B-SF-1L/W-CV-M25
带金属盖	
M20	H10B-SF-1L/W-MCV-M20
2M20	H10B-SF-1L/W-MCV-2M20
M25	H10B-SF-1L/W-MCV-M25



封底下壳 高结构 Housings, surface mounting , high construction



螺纹 Thread	型号 Designation
M25	H10B-SFH-1L/W-M25
2M20	H10B-SFH-1L/W-2M20
M32	H16B-SFH-1L/W-M32
带塑料盖	
M25	H10B-SFH-1L/W-CV-M25
2M25	H10B-SFH-1L/W-CV-2M25
M25	H10B-SFH-1L/W-CV-M25
带金属盖	
M25	H10B-SFH-1L/W-MCV-M25
2M25	H10B-SFH-1L/W-MCV-2M25
M25	H10B-SF-1L/W-MCV-M25



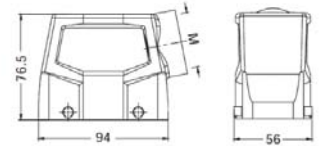
16B 塑料外壳 Plastic hoods/housings

防护等级 Degree of protection: IP65

上壳 侧出线 高结构 Hoods, side entry , high construction



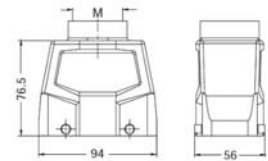
螺纹 Thread	型号 Designation
M32	H16B.P-SEH-4B-M32
M40	H16B.P-SEH-4B-M40



上壳 顶出线 高结构 Hoods, top entry , high construction



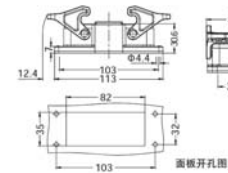
螺纹 Thread	型号 Designation
M32	H16B.P-TEH-4B-M32
M40	H16B.P-TEH-4B-M40



不封底下壳 Housings, bulkhead mounting



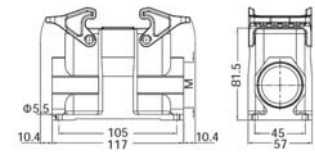
螺纹 Thread	型号 Designation
- - -	H16B.P-BK-2L



封底下壳 高结构 Housings, surface mounting



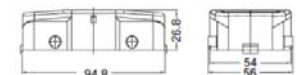
螺纹 Thread	型号 Designation
M32	H16B.P-SFH-2L-M32
2M32	H16B.P-SFH-2L-M32
M40	H16B.P-SFH-2L-M40
2M40	H16B.P-SFH-2L-M40



防护盖 用于下壳 Protection covers for housings



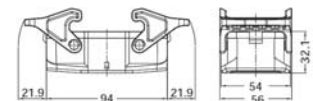
螺纹 Thread	型号 Designation
- - -	H16B.P-CV-4B/2



防护盖 用于上壳 Protection covers for hoods



螺纹 Thread	型号 Designation
- - -	H16B.P-CV-2L/1



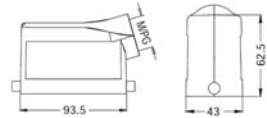
16B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



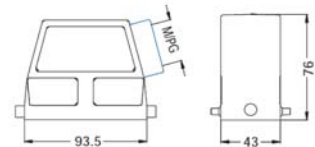
螺纹 Thread	型号 Designation
M25	H16B-SEH-2B-M25
M32	H16B-SEH-2B-M32



上壳 侧出线, 高结构 Hoods, side entry, high construction



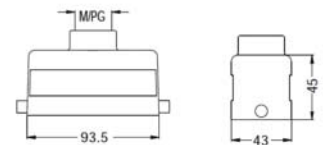
螺纹 Thread	型号 Designation
M25	H16B-SEH-2B-M25
M32	H16B-SEH-2B-M32
PG21	H16B-SEH-2B-PG21



上壳 顶出线 Hoods, top entry



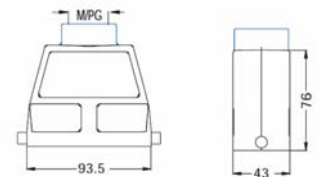
螺纹 Thread	型号 Designation
M20	H16B-TE-2B-M20
PG13.5	H16B-TE-2B-PG13.5
PG16	H16B-TE-2B-PG16



上壳 顶出线 Hoods, top entry, high construction



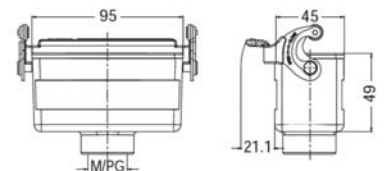
螺纹 Thread	型号 Designation
M25	H16B-TEH-2B-M25
M32	H16B-TEH-2B-M32
PG21	H16B-TEH-2B-PG21



飞线下壳 Housings, cable to cable



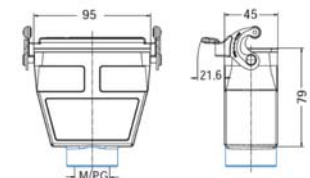
螺纹 Thread	型号 Designation
M20	H16B-CCT-1L/W-M20
PG13.5	H16B-CCT-1L/W-PG13.5
PG16	H16B-CCT-1L/W-PG16



飞线下壳 高结构 Housings, cable to cable, high construction



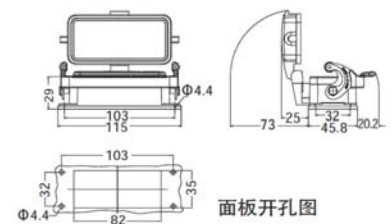
螺纹 Thread	型号 Designation
M25	H16B-CCTH-1L/W-M25
PG21	H16B-CCTH-1L/W-PG21



不封底下壳 Housings, bulkhead mounting



螺纹 Thread	型号 Designation
---	H16B-BK-1L/W
---	带塑料盖
---	H16B-BK-1L/W
---	带金属材料盖
---	H16B-BK-1L/W-MCV



面板开孔图

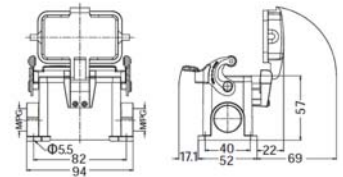
16B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

封底下壳 Housings, surface mounting



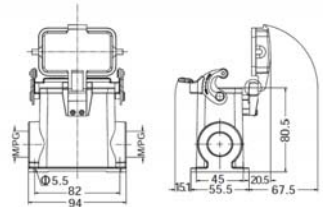
螺纹 Thread	型号 Designation
M20	H16B-SF-1L/W-M20
2M20	H16B-SF-1L/W-2M20
M25	H16B-SF-1L/W-M25
带塑料盖	
M20	H16B-SF-1L/W-CV-M20
2M20	H16B-SF-1L/W-CV-2M20
M25	H16B-SF-1L/W-CV-M25
带金属盖	
M20	H16B-SF-1L/W-MCV-M20
2M20	H16B-SF-1L/W-MCV-2M20
M25	H16B-SF-1L/W-MCV-M25



封底下壳 高结构 Housings, surface mounting , high construction



螺纹 Thread	型号 Designation
M25	H16B-SFH-1L/W-M25
2M20	H16B-SFH-1L/W-2M20
M32	H16B-SFH-1L/W-M32
带塑料盖	
M25	H16B-SFH-1L/W-CV-M25
2M25	H16B-SFH-1L/W-CV-2M25
M25	H16B-SFH-1L/W-CV-M25
带金属盖	
M25	H16B-SFH-1L/W-MCV-M25
2M25	H16B-SFH-1L/W-MCV-2M25
M25	H16B-SF-1L/W-MCV-M25



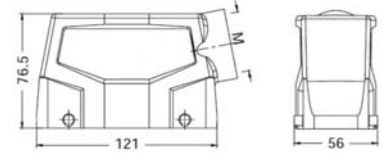
24B 塑料外壳 Plastic hoods/housings

防护等级 Degree of protection: IP65

上壳 侧出线 高结构 Hoods, side entry , high construction



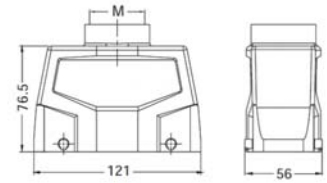
螺纹 Thread	型号 Designation
M32	H24B.P-SEH-4B-M32
M40	H24B.P-SEH-4B-M40



上壳 顶出线 高结构 Hoods, top entry , high construction



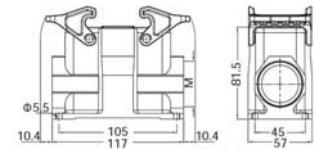
螺纹 Thread	型号 Designation
M32	H24B.P-TEH-4B-M32
M40	H24B.P-TEH-4B-M40



不封底下壳 Housings, bulkhead mounting



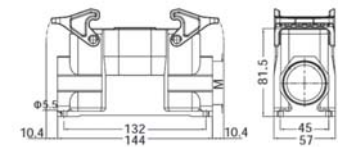
螺纹 Thread	型号 Designation
- - -	H24B.P-BK-2L



封底下壳 高结构 Housings, surface mounting



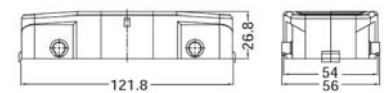
螺纹 Thread	型号 Designation
M32	H24B.P-SFH-2L-M32
2M32	H24B.P-SFH-2L-M32
M40	H24B.P-SFH-2L-M40
2M40	H24B.P-SFH-2L-M40



防护盖 用于下壳 Protection covers for housings



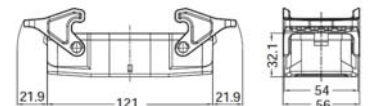
螺纹 Thread	型号 Designation
- - -	H24B.P-CV-4B/2



防护盖 用于上壳 Protection covers for hoods



螺纹 Thread	型号 Designation
- - -	H24B.P-CV-2L/1



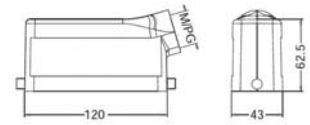
24B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



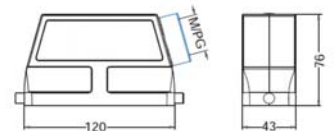
螺纹 Thread	型号 Designation
M25	H24B-SEH-2B-M25
M32	H24B-SEH-2B-M32



上壳 侧出线, 高结构 Hoods,side entry, high construction



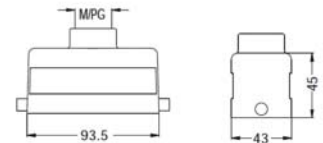
螺纹 Thread	型号 Designation
M25	H24B-SEH-2B-M25
M32	H24B-SEH-2B-M32
PG21	H24B-SEH-2B-PG21



上壳 顶出线 Hoods, top entry



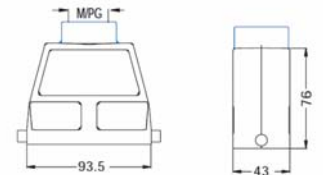
螺纹 Thread	型号 Designation
M20	H24B-TE-2B-M20
PG13.5	H24B-TE-2B-PG13.5
PG16	H24B-TE-2B-PG16



上壳 顶出线 Hoods, top entry,high construction



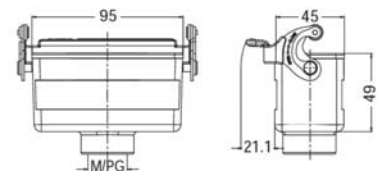
螺纹 Thread	型号 Designation
M25	H24B-TEH-2B-M25
M32	H24B-TEH-2B-M32
PG21	H24B-TEH-2B-PG21



飞线下壳 Housings, cable to cable



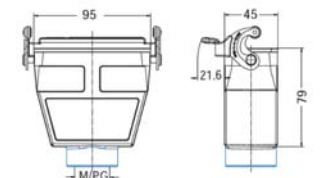
螺纹 Thread	型号 Designation
M20	H24B-CCT-1L/W-M20
PG13.5	H24B-CCT-1L/W-PG13.5
PG16	H24B-CCT-1L/W-PG16



飞线下壳 高结构 Housings,cable to cable, high construction



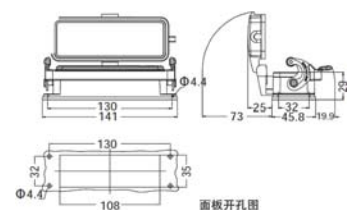
螺纹 Thread	型号 Designation
M25	H24B-CCTH-1L/W-M25
PG21	H24B-CCTH-1L/W-PG21



不封底下壳 Housings, bulkhead mounting



螺纹 Thread	型号 Designation
---	H16B-BK-1L/W
---	带塑料盖
---	H16B-BK-1L/W
---	带金属材料盖
---	H16B-BK-1L/W-MCV



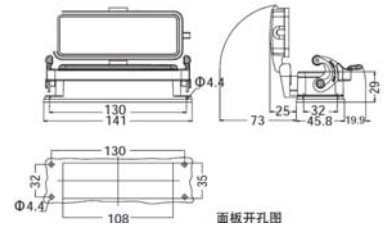
24B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

封底下壳 Housings, surface mounting



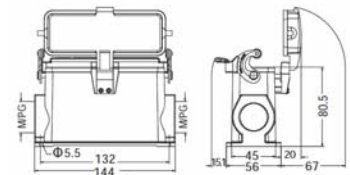
螺纹 Thread	型号 Designation
M20	H24B-SF-1L/W-M20
2M20	H24B-SF-1L/W-2M20
M25	H24B-SF-1L/W-M25
带塑料盖	
M20	H24B-SF-1L/W-CV-M20
2M20	H24B-SF-1L/W-CV-2M20
M25	H24B-SF-1L/W-CV-M25
带金属盖	
M20	H24B-SF-1L/W-MCV-M20
2M20	H24B-SF-1L/W-MCV-2M20
M25	H24B-SF-1L/W-MCV-M25



封底下壳 高结构 Housings, surface mounting , high construction



螺纹 Thread	型号 Designation
M25	H16B-SFH-1L/W-M25
2M20	H16B-SFH-1L/W-2M20
M32	H16B-SFH-1L/W-M32
带塑料盖	
M25	H16B-SFH-1L/W-CV-M25
2M25	H16B-SFH-1L/W-CV-2M25
M25	H16B-SFH-1L/W-CV-M25
带金属盖	
M25	H24B-SFH-1L/W-MCV-M25
2M25	H24B-SFH-1L/W-MCV-2M25
M25	H24B-SF-1L/W-MCV-M25



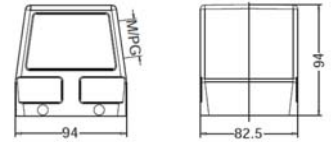
32B 金属外壳 hoods/housings, metal

防护等级 Degree of protection: IP65

上壳 侧出线 Hoods, side entry



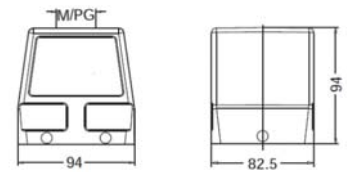
螺纹 Thread	型号 Designation
M32	H32B-SE-4B-M32
M40	H32B-SE-4B-M40
M50	H32B-SE-4B-M50
PG29	H32B-SE-4B-PG29



上壳 顶出线 Hoods, top entry



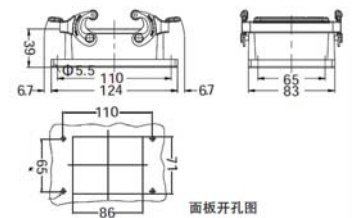
螺纹 Thread	型号 Designation
M32	H32B-TE-4B-M32
M40	H32B-TE-4B-M40
M50	H32B-TE-4B-M50
PG29	H32B-TE-4B-PG29



不封底下壳 Housings, bulkhead mounting



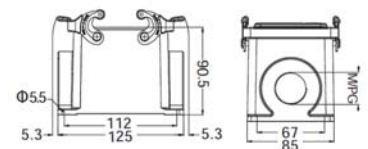
螺纹 Thread	型号 Designation
---	H32B-BK-2L/SC



封底下壳 Housings, surface mounting



螺纹 Thread	型号 Designation
M32	H32B-SF-2L/SC-M32
2M32	H32B-SF-1L/SC-2M32
M40	H32B-SF-1L/SC-M40
2M40	H32B-SF-1L/SC-2M40
PG29	H32B-SF-1L/SC-PG29
2PG29	H32B-SF-1L/SC-2PG29
PG36	H32B-SF-1L/SC-PG36
2PG36	H32B-SF-1L/SC-2PG36



飞线下壳 Housings, cable to cable



螺纹 Thread	型号 Designation
M32	H32B-CCT-2L/SC-M32
M40	H32B-CCT-2L/SC-M40
M50	H32B-CCT-2L/SC-M50
PG29	H32B-CCT-2L/SC-PG29
PG36	H32B-CCT-2L/SC-PG36
PG42	H32B-CCT-2L/SC-PG42

