



兴威联电气
— SVLEC[®] —

SVLEC / 追 / 求 / 卓 / 越 / / 追 / 求 / 精 / 致

CEM
DEM
CEF
DEF



芯件



电气一体化



金属支架 / HM框架

矩形连接器

RECTANGULAR CONNECTOR

第九章 Chapter 9

接插件 Inserts



重载连接器

Heavy duty connectors

- 9.0 重载连接器 Heavy duty connectors
选型与技术说明 Selection guide
- 9.1 常用套件组合 Set general introduction
HA/HE 系列套件 Serie set
- 9.2 小型接插体 Connect the small body
HA 系列接插件 Serie connectors 工具 Tools
- 9.2 常规型接插体 Conventional type plug
HE 系列接插件 Serie connectors
- 9.2 高压型连接器 Connectors for higher voltages
HVE 系列接插件 Serie connectors
- 9.2 高密度型接插体 High density type plug
HEE/HEEE 系列接插件 Serie connectors
- 9.2 D 型高密度连接器 High pin count connectors
HD/HDD 系列接插件 Serie connectors
- 9.2 接插体 Connector
HQ 系列接插件 Serie connectors
- 9.2 大电流型接插体 Connectors for higher current
HSB 系列接插件 Serie connectors
- 9.2 大电流接插体 High current connectors
HK/HWK 系列接插件 Serie connectors
- 9.3 模块连接器 Modular connectors
HM 系列接插件 Serie connectors
- 9.4 安装附件 Installation elements
导轨支架 / 编码销 Insert mounting / standard code pin

壳体 Hoods & housings



- 9.5 安装及开孔尺寸图 Mounting dimensions
- 9.6 A 类防护外壳 Hoods / housings series IP65
- 9.7 B 类防护外壳 Hoods / housings series IP65
- 9.8 特殊类外壳 Special hoods / housings series

1. 产品制造规范 Specifications

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

2. 标准 Standard

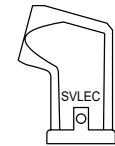
DIN EN 175 301-801
DIN EN 61984

3. 产品认证 Approvals

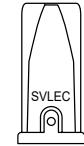


规格 Size 说明 Description

A



上壳 Hood
侧面进线 top-entry



上壳 Hood
顶部进线 side-entry

250/400 V
10 A
HA-3
page 4.2.1

250/400 V
10 A
HA-4
page 4.2.1

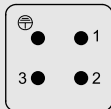
250 V
10 A
HD-007
page 4.2.7

50 V
10 A
HD-008
page 4.2.7

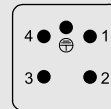
250/400 V
16 A
HQ-005
page 4.2.10

400 V
10 A
HQ-007
page 4.2.10

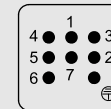
50 V
10 A
HQ-012
page 4.2.10



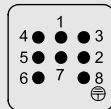
3 + ⊕



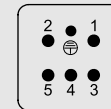
4 + ⊕



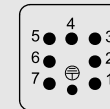
7 + ⊕



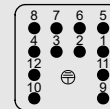
8 + ⊕



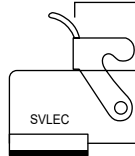
5 + ⊕



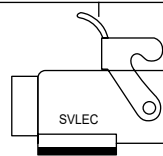
7 + ⊕



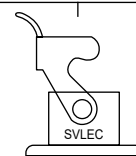
12 + ⊕



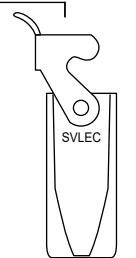
下壳 Housing
开孔安装 bulkhead mounting



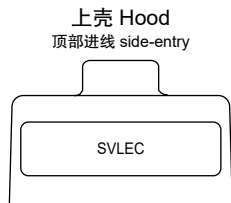
下壳 Housing
表面安装 surface mounting



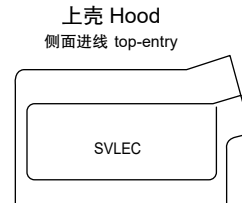
下壳 Housing
开孔安装 bulkhead mounting



上壳 Hood
电缆对接
cable to cable coupling

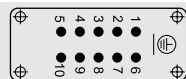


上壳 Hood
顶部进线 side-entry



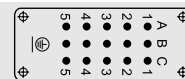
上壳 Hood
侧面进线 top-entry

250 V
16 A
HA
page 4.2.1



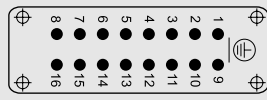
10 + ⊕

250 V
10 A
HD
page 4.2.7

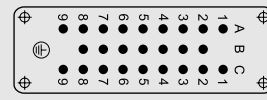


15 + ⊕

10
page:7.9.3



16 + ⊕

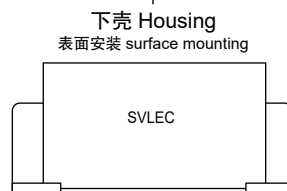


25 + ⊕

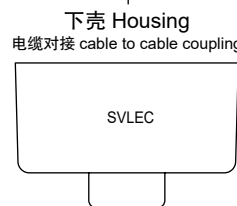
16
page:7.9.4



下壳 Housing
开孔安装 bulkhead mounting



下壳 Housing
表面安装 surface mounting



下壳 Housing
电缆对接 cable to cable coupling

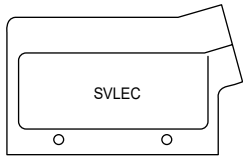
32

用于两个规格为 16A 的连接器 Suitable for 2 inserts of size 16A

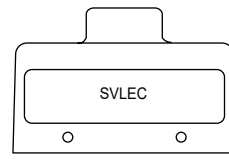
概述 – 制造规格 SUMMARY - SIZE

规格 Size 说明 Description

B



上壳 Hood
侧面进线 top-entry



上壳 Hood
顶部进线 side-entry

250 V
10 A
HD
page 4.2.7

250 V
10 A
HDD
page 4.2.9

250 V
16 A
HE, HESH
page 4.2.2

500 V
16 A
HEE
page 4.2.5

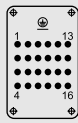
690/400 V
40/35 A
HsB, HWK
page 4.2.11
4.2.12

690/400 V
100/80A
HK
page 4.2.13

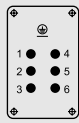
50-5000 V
5-200 A
HM
page 4.3.3

6

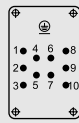
page:7.10.1



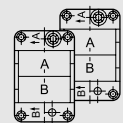
24 + ⊕



6 + ⊕



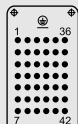
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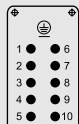
2 modules

10

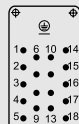
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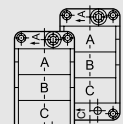
42 + ⊕



10 + ⊕



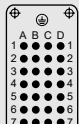
18 + ⊕



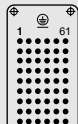
3 modules

16

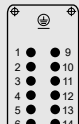
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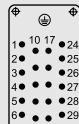
40 + ⊕



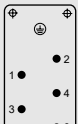
72 + ⊕



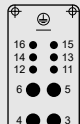
16 + ⊕



32 + ⊕



6 + ⊕



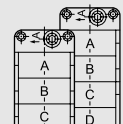
6/6+ ⊕



6/36+ ⊕



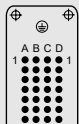
4/2 + ⊕



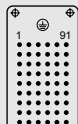
4 modules

24

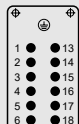
page:7.10.6



64 + ⊕



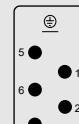
108 + ⊕



24 + ⊕



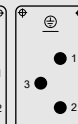
46 + ⊕



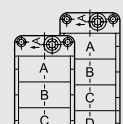
8/0+ ⊕



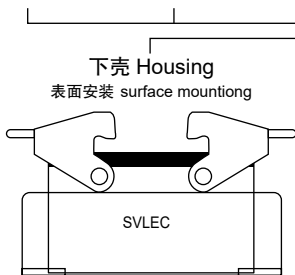
6/6+ ⊕



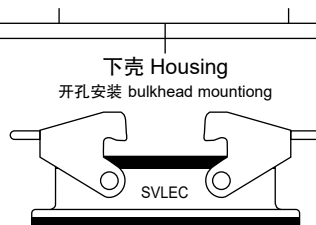
4/8+ ⊕



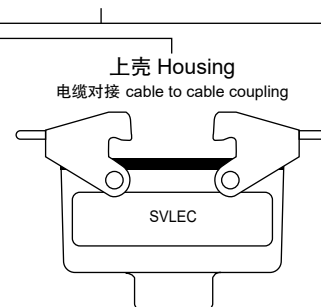
6 modules



下壳 Housing
表面安装 surface mounting



下壳 Housing
开孔安装 bulkhead mounting



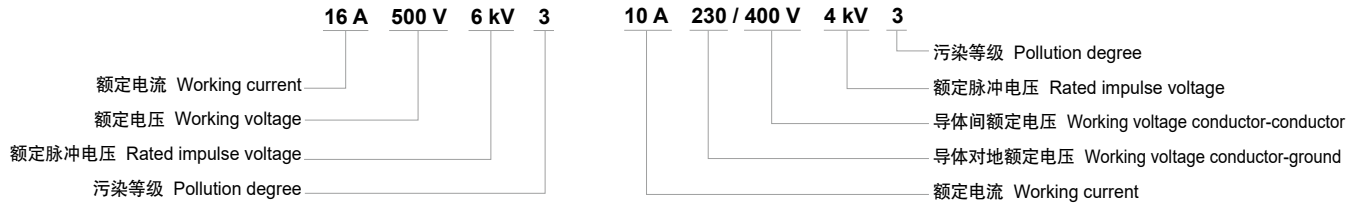
上壳 Housing
电缆对接 cable to cable coupling

32 用于两个规格为 16B 的连接器的 Suitable for 2 inserts of size 16B

48 用于两个规格为 24B 的连接器的 Suitable for 2 inserts of size 24B

电气数据说明 Electrical data

连接器电气数据的说明是根据 DIN EN 61 984 的制订的。
 Electrical data for connectors are specified as per DIN EN 61 984.



用外壳保护连接器 Housings connector insert protection

连接器上的外壳和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 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：
 The connector's housing, sealing and locking mechanism protect the connection from external influences such as mechanical shocks, foreign bodies, humidity, dust, water or other fluids such as cleansing and cooling agents, oils, etc. 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
 (International Protection)




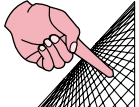

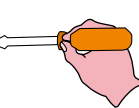



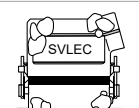



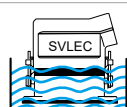
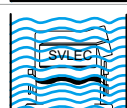
第一个数字 First Index Figure
 (防固体异物保护 Foreign bodies protection)

第二个数字 Second Index Figure
 (防水保护 Water protection)

IP

6

5

数字 Index figure	保护范围 Index figure	数字 Index figure	保护范围 Index figure
0	无安全防护 No protection 	0	无防水保护 No protection against water
1	防大件异物保护 Protection against large foreign bodies 	1	防滴水保护 Drip-proof 
2	防中等大小异物保护 Protection against medium sized foreign bodies 	2	防倾斜滴水保护 Drip-proof 
3	防小件异物保护 Protection against small solid foreign bodies 	3	防河水保护 Spray-proof 
4	防颗粒状异物保护 Protection against grain-shaped foreign bodies 	4	防喷水保护 Splash-proof 
5	防灰尘沉积保护 Protection against injurious deposits of dust 	5	防射水保护 Hose-proof 
6	防灰尘进入保护 Protection against ingress of dust 	6	超强防淹水保护 Strong hose-proof 
		7	防浸水保护 Protected against immersion 
		8	防潜水保护 Protected against high-pressure 

选型指南 SELECTION GUIDE

M 制接头选型指南 Joint selection guide

适用于标准电缆的 M 制接头规格 Standard for M connector for standard cable

请注意您选择的 M 制电缆接头的压接范围 Please note that the pressure range of the M cable connector you choose

线径 Wire gauge	芯数 Pole	电缆直径范围 ϕ Wire diameter	M 制带多层密封圈接头 Multiple seal joint	
0.5 mm ²	4	6.7 - 9.7	16	20
AWG 20	6	7.6 - 10.6	16	20 16
	10	9.4 - 12.8	16	20 16 25
	16	10.7 - 13.9		20 16 25
	24	13.5 - 16.7		16 25 32
	35	16 - 18.6		25 32
	40	16.6 - 19.2		25 32
	61	20.3 - 23.1		32

线径 Wire gauge	芯数 Pole	电缆直径范围 ϕ Wire diameter	M 制带多层密封圈接头 Multiple seal joint	
1.5 mm ²	4	9.7 - 11.8	16	20 25
AWG 16	6	10.8 - 14.2		20 25
	11	13.6 - 16.8		25 32
	16	15.8 - 18.4		25 32
	25	20.2 - 23		32 40
	32	23.8 - 24.5		40
	42	25.8 - 29		40
	61	28.6 - 31.8		40

线径 Wire gauge	芯数 Pole	电缆直径范围 ϕ Wire diameter	M 制带多层密封圈接头 Multiple seal joint	
0.75 mm ²	4	7.9 - 10.3	16	20
AWG18	6	8.9 - 12.3	16	20 25
	10	10.4 - 13.8		20 25
	18	13 - 16.2		25 32
	25	15.9 - 18.5		25 32
	32	17.1 - 19.7		25 32
	40	19 - 21.4		32 40
	50	21.3 - 24.1		32 40
	61	22.6 - 25.4		40

线径 Wire gauge	芯数 Pole	电缆直径范围 ϕ Wire diameter	M 制带多层密封圈接头 Multiple seal joint	
2.5 mm ²	4	11.7 - 14.4	20	25
AWG 12 - 14	6	13.3 - 16.7		25 32
	11	18 - 20.6		25 32 40
	16	20.6 - 23.4		32 40
	25	26.4 - 29.6		40 50
	34	31.3 - 33.1		40 50
	50	37 - 39.4		50
	61	39-41.5		50

线径 Wire gauge	芯数 Pole	电缆直径范围 ϕ Wire diameter	M 制带多层密封圈接头 Multiple seal joint	
1 mm ²	4	8.4 - 10.7	16	20
AWG 16 - 18	6	9.2 - 12.6	16	20 25
	10	11 - 14.4		20 25 32
	16	13 - 16.2		25 32
	24	16.5 - 19.1		25 32 40
	34	19.4 - 21.8		25 32 40
	48	22 - 24.8		32 40
	61	24.5 - 27.2		32 40

线径 Wire gauge	芯数 Pole	电缆直径范围 ϕ Wire diameter	M 制带多层密封圈接头 Multiple seal joint	
4 mm ²	2	10.7 - 14.1	20	25
AWG 10 - 12	4	13 - 16.4		25 32
	5	14.3 - 17.7		25 32
	7	16.2 - 19.6		25 32
	11	approx. 24.5		40

常用壳体组合 Commonly used shell combination



(I)
上壳侧出，底座开孔形式
Hood side-entry type, Housing bulkhead mounting



(II)
上壳顶出，底座开孔形式
Hood top-entry type, Housing bulkhead mounting



(III)
上壳侧出，底座表面形式
Hood side-entry type, Housing surface mounting



(IV)
上壳顶出，底座表面形式
Hood top-entry type, Housing surface mounting



(V)
上壳侧出，底座开孔带盖形式
Hood side-entry type, Housing bulkhead mounting cover



(VI)
上壳顶出，底座开孔带盖形式
Hood top-entry type, Housing bulkhead mounting cover



(VII)
上壳侧出，底座表面带盖形式
Hood side-entry type, Housing surface mounting cover



(VIII)
上壳顶出，底座表面带盖形式
Hood top-entry type, Housing surface mounting cover

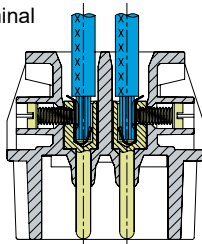


(IX)
上壳顶出，下壳对接形式
Hood top-entry type, Housing cable to cable coupling

接线端子类型 TERMINAL TYPE

螺钉压接形式 Screw terminal

HA 系列 HA series
HE/HVE 系列 HE/HVE series
HSB 系列 HSB series
HK 系列 HK series
HWK 系列 HWK series
HEAV 系列 HEAV series

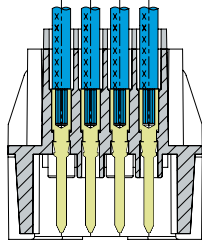


- ◆ 操作简单
Easy handling
- ◆ 无需专用工具
No special tools

接插芯 Inserts	最大线规 Max.wire gauge		剥线长度 Stripping length L L (mm)
	mm ²	AWG	
HA-003,HA-004	2.5	14	4.5
HE,HA,HEAV	2.5	14	7.5
HE,HVE	4.0	12	7.5
HSB	6.0	10	11.5
HK,HWK	16.0	5.0	14

冷压针压接形式 Crimp terminal

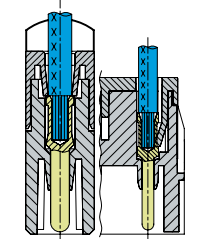
HD 系列 HD series
HDD 系列 HDD series



- ◆ 由于压接质量均匀，所以通向电阻恒定
Constant contact resistance as a result of precisely repeated crimp connection quality
- ◆ 由于接近于冷焊，所以保证了耐腐蚀性
Corrosion free connections as a result of cold weld action

接插芯 Inserts	最大线规 Max.wire gauge		剥线长度 L (mm) Stripping length L (mm)	
	mm ²	AWG	HDD/HD	HEC/HAC
HD	0.5	20	8.0	7.5
	0.75	18	8.0	7.5
HDD	1.0	18	8.0	7.5
HM(10A)	1.5	16	8.0	7.5
	2.5	14	8.0	7.5
	4.0	12	-	7.5

HEC/HEE 系列 Series
HEEE 系列 Series
HM 系列 Series (40A)

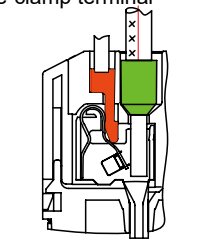


- ◆ 预制了带压接针的电缆束
Pre-preparation of cable forms with crimp contacts fitted
- ◆ 从根本上提高了布线速度
Optimum cost cable connection

接插芯 Inserts	最大线规 Max.wire gauge		剥线长度 L (mm) Stripping length L (mm)	
	mm ²	AWG	HEE/HM (40A)	
HEC	0.5	20	7.5	
	0.75	18	7.5	
HEE	1.0	18	7.5	
HEEE	1.5	16	7.5	
HM(40A)	2.5	14	7.5	
	4.0	12	7.5	

弹片压接端子形式 Cage-clamp terminal

HAS 系列 Series
HESH 系列 Series



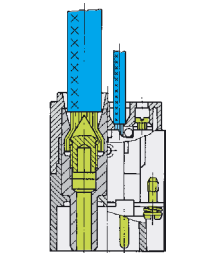
- 这种连接技术对操作和工具的要求较小，且具有较高的功能安全性。
This termination method requires very little preparation of the wire and on special tools, leading to a low installed cost and a high degree of mechanical security.
- ◆ 由于操作人员可以看到导线和螺丝刀，因此具有较高的操作舒适度。
Ease of termination. Conductor and screwdriver are in same plane.

接插芯 Inserts	最大线规 Max.wire gauge		剥线长度 L (mm) Stripping length L (mm)
	mm ²	AWG	
HAS, HESH	0.14-2.5	26-14	9-11

- ◆ 无需对导线头进行特殊处理。
No special preparation of stripped conductor.
- ◆ 安装状态下可从接线侧进行检测。
From the terminal side for testing installation condition.
- ◆ 夹紧力随导线截面的增加而提高。
The larger the conductor the higher the clamping force.
- ◆ 导线连接防振动和冲击。
The termination is vibration-proof.

轴向螺栓压接形式 Axial screw terminal

HK6/6
HK6/12
HK8/0



- ◆ 节省空间
Less space required
- ◆ 操作简单
Easy handling
- ◆ 无需专用工具
No special tools

接插芯 Inserts	最大线规 Max.wire gauge		剥线长度 L (mm) Stripping length L(mm)
	mm ²	AWG	
HK6/6	16-35	5-2	13-14
HK6/12	2.5-10	13/-1	8-9
HK8/0	10-25	16/-1	6-7

建议使用的拧紧力矩和螺丝刀的尺寸 Recommended screw drivers and tightening torques

螺钉尺寸 Size of screw	接插件类型 Connector type	拧紧力矩 (Ø) Tightening torque [Nm]	拧紧力矩 (Ø) Tightening torque [Nm]	建议使用螺丝刀尺寸 Recommended size of screw driver
M3	螺钉端子 Screw terminal HA-003/HA-004/HQ-005	0.25	0.20	0.4 x 2.5
M3	螺钉端子 Screw terminal HA-010/HA-016	0.50	0.40	0.5 x 3.5 or ± size 1
M3	螺钉端子 HE, HVAE 定位及固定用 Screw terminal HE, HVAE fixing screws of all kinds, guiding pins and bushes	0.50	0.40	0.5 x 3.5
M4	接地端子螺钉 Ground terminal HA,HE, HD,HDD	1.20	0.90	0.5 x 3.5 or ± size 1+2
M4	端子块 Terminal blocks HSB	1.20	0.90	0.8 x 4.5
M5	接地端子螺钉 Ground terminal HSB	2.00	1.40	0.8 x 4.5 1.2 x 8.0

订购说明 HOW TO ORDER

订购一个完整的连接器时应包含如下零件:

For a complete connector components may be ordered from the following sub headings

1 接插件公插 Male insert

公插体接线形式有: 螺钉压接、冷压接、弹片压接形式、轴向螺栓压接
Male insert with screw terminal / crimp terminal / spring terminal / rolled contacts terminal / axial screw terminal/rapid terminal

2 接插件母插 Female insert

母插体接线形式有: 螺钉压接、冷压接、弹片压接形式、轴向螺栓压接
Female insert with screw terminal/crimp terminal/spring terminal/rolled contacts terminal/axial screw terminal/rapid terminal

3 防护外壳上壳 Hoods

形式有: 低或高结构, 侧面或顶部进线、2 或 4 耳、单或双扣形式
Hoods with low or high construction, side or top cable entry, 2 or 4 bolts, 1 or 2 locking levers.

4 底座 Housings

形式有: 开孔安装底座、带或不带保护盖、单扣或双扣形式。表面安装底座: 低结构或高结构、带或不带保护盖、2 或 4 耳、单或双扣、1 或 2 个出线孔形式
Bulkhead mounting housings with or without protection cover, 1 or 2 locking levers. Surface mountings with low or high construction, with or without protection cover, 2 or 4 blots, 1 or 2 locking levers, 1 or 2 cable entries.

5 电缆接头进线保护 Cable entry protection

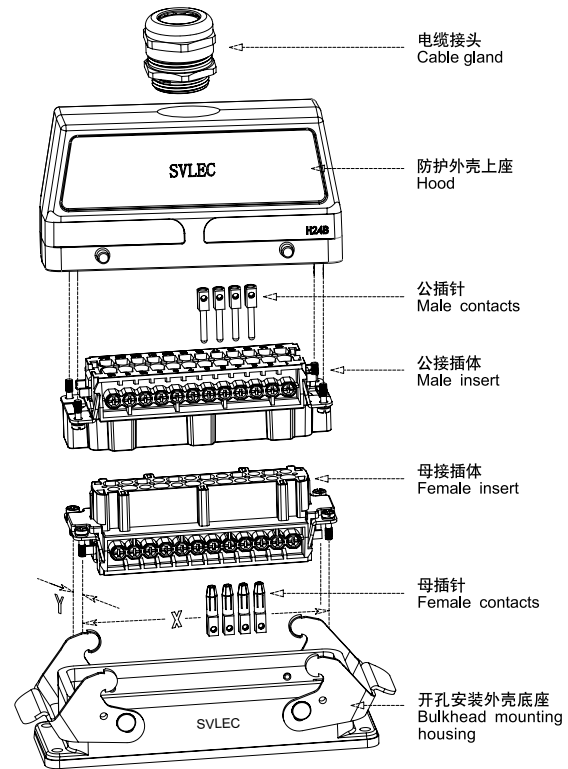
金属或塑料电缆接头 Metal or plastic cable glands
金属或塑料软管接头 Metal or plastic hose glands
特殊电缆保护附件 Special cable entry protection or extensive range of accessories.

其它附件 Accessories

各种类型的保护盖、编码销、导轨安装框架等
Protection cover available, code and guide pins for coding. Inserts fixing screws for use without hoods and housings.

上壳和底座对应名称 The name of the hood and housing

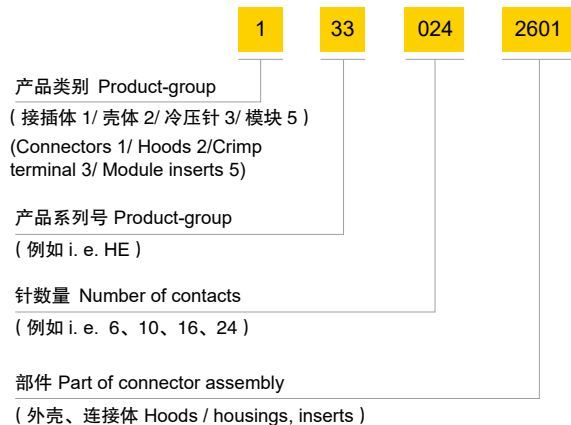
上壳 Hood			
两耳上壳 Hood with 2 levers		四耳上壳 Hood with 4 levers	
TS-RO	侧面出线, 低结构 Side-entry, Low construction	TS	侧面出线, 低结构 Side-entry, Low construction
TG-RO	顶部出线, 低结构 Top-entry, Low construction	TG	顶部出线, 低结构 Top-entry, Low construction
TSH-RO	侧面出线, 高结构 Side-entry, High construction	TSH	侧面出线, 高结构 Side-entry, High construction
TGH-RO	顶部出线, 高结构 Top-entry, High construction	TGH	顶部出线, 高结构 Top-entry, High construction
底座 Housing			
单扣底座 Housing with 1 levers		双扣底座 Housing with 2 levers	
AG-LB	开孔安装底座 Bulkhead mounting	AG	开孔安装底座 Bulkhead mounting
AD-LB	开孔安装带盖底座 Bulkhead mounting cover	AD	开孔安装带盖底座 Bulkhead mounting cover
SGR-LB	表面安装底座, 低结构 Surface mounting, Low construction	SGR	表面安装底座, 低结构 Surface mounting, Low construction
SDR-LB	表面安装带盖底座, 低结构 Surface mounting cover, Low construction	SDR	表面安装带盖底座, 低结构 Surface mounting cover, Low construction
SGRH-LB	表面安装, 高结构 Surface mounting, High construction	SGRH	表面安装, 高结构 Surface mounting, High construction
SDRH-LB	表面安装带盖底座, 高结构 Surface mounting cover, High construction	SDRH	表面安装带盖底座, 高结构 Surface mounting cover, High construction
其它上壳 Other hood			
TSB	侧面出线上壳带双扣, 低结构 Side-entry, double locking lever, Low construction		
TGB	顶部出线上壳带双扣, 低结构 Top-entry, double locking lever, Low construction		
TSBH	侧面出线上壳带双扣, 高结构 Side-entry, double locking lever, High construction		
TGBH	顶部出线上壳带双扣, 高结构 Top-entry, double locking lever, High construction		
其它底座 Other housing			
TBF	电缆对接下壳带双扣, 低结构 Cable to cable coupling, double locking lever, Low construction		
TBF-LB	电缆对接下壳带单扣, 低结构 Cable to cable coupling, single locking lever, Low construction		
TBFH	电缆对接下壳带双扣, 高结构 Cable to cable coupling, double locking lever, High construction		
TBFH-LB	电缆对接下壳带单扣, 高结构 Cable to cable coupling, single locking lever, High construction		



订货号说明 Our computerize ordering system uses the following code

为了便于数据处理, 订货时采用如下订货方式:

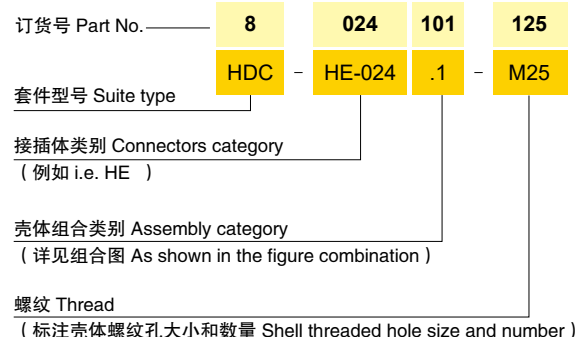
Our computerized ordering system uses the following code:



套件订货说明 Ordering system computerized

为了便于数据处理, 订货时也可采用如下订货方式:

Our computerized ordering system uses the following code:



常用套件组合 SET GENERAL INTRODUCTION

HA 系列 Series 3 回路 螺钉 250V,10A ; 弹片 400V,10A



开孔侧出 Side-entry & bulkhead

螺钉压接订货号 Part No.	8003001120
弹片压接订货号 Part No.	8103001120



开孔顶出 Top-entry & bulkhead

螺钉压接订货号 Part No.	8003002120
弹片压接订货号 Part No.	8103002120



侧开孔顶出 Top-entry & Side-bulkhead

螺钉压接订货号 Part No.	8003003120
弹片压接订货号 Part No.	8103003120



表面顶出 Top-entry & surface

螺钉压接订货号 Part No.	8003004120
弹片压接订货号 Part No.	8103004120



对接顶出 Top-entry & cable to cable

螺钉压接订货号 Part No.	8003009120
弹片压接订货号 Part No.	8103009120



开孔带盖顶出 Top-entry & Side-bulkhead

螺钉压接订货号 Part No.	8003006120
弹片压接订货号 Part No.	8103006120

HA 系列 Series 4 回路 螺钉 250V,10A ; 弹片 400V,10A



开孔侧出 Side-entry & bulkhead

螺钉压接订货号 Part No.	8004001120
弹片压接订货号 Part No.	8104001120



开孔顶出 Top-entry & bulkhead

螺钉压接订货号 Part No.	8004002120
弹片压接订货号 Part No.	8104002120



侧开孔顶出 Top-entry & Side-bulkhead

螺钉压接订货号 Part No.	8004003120
弹片压接订货号 Part No.	8104003120



表面顶出 Top-entry & surface

螺钉压接订货号 Part No.	8004004120
弹片压接订货号 Part No.	8104004120



对接顶出 Top-entry & cable to cable

螺钉压接订货号 Part No.	8004009120
弹片压接订货号 Part No.	8104009120



开孔带盖顶出 Top-entry & Side-bulkhead

螺钉压接订货号 Part No.	8004006120
弹片压接订货号 Part No.	8104006120

常用套件组合 SET GENERAL INTRODUCTION

HA 系列 Series 10 回路 250V,16A



开孔侧出 Side-entry & bulkhead

订货号 Part No. 8010001120



开孔顶出 Top-entry & bulkhead

订货号 Part No. 8010002120



表面侧出 Side-entry & surface

订货号 Part No. 8010003220



表面顶出 Top-entry & surface

订货号 Part No. 8010004220



开孔带盖侧出 Side-entry & bulkhead cover

订货号 Part No. 8010005120



开孔带盖顶出 Top-entry & bulkhead cover

订货号 Part No. 8010006120

HA 系列 Series 16 回路 250V,16A



开孔侧出 Side-entry & bulkhead

订货号 Part No. 8016001125



开孔顶出 Top-entry & bulkhead

订货号 Part No. 8016002125



表面侧出 Side-entry & surface

订货号 Part No. 8016003225



表面顶出 Top-entry & surface

订货号 Part No. 8016004225



开孔带盖侧出 Side-entry & bulkhead cover

订货号 Part No. 8016005125



开孔带盖顶出 Top-entry & bulkhead cover

订货号 Part No. 8016006125

常用套件组合 SET GENERAL INTRODUCTION

HA 系列 Series 32 回路 250V,16A



开孔侧出 Side-entry & bulkhead

订货号 Part No. 8032001132



开孔顶出 Top-entry & bulkhead

订货号 Part No. 8032002132



表面侧出 Side-entry & surface

订货号 Part No. 8032003132



表面顶出 Top-entry & surface

订货号 Part No. 8032004132

常用套件组合



常用套件组合 SET GENERAL INTRODUCTION

HE 系列 Series 6 回路 500V,16A



开孔侧出 Side-entry & bulkhead

开孔顶出 Top-entry & bulkhead

表面侧出 Side-entry & surface

表面顶出 Top-entry & surface

螺钉压接订货号 Part No. 8006101120

螺钉压接订货号 Part No. 8006102120

螺钉压接订货号 Part No. 8006103220

螺钉压接订货号 Part No. 8006104220

快速压接订货号 Part No. 8106101120

快速压接订货号 Part No. 8106102120

快速压接订货号 Part No. 8106103220

快速压接订货号 Part No. 8106104220



开孔带盖侧出 Side-entry & bulkhead cover

开孔带盖顶出 Top-entry & bulkhead cover

对接顶出 Top-entry & cable to cable

表面带盖侧出 Side-entry & surface cover

螺钉压接订货号 Part No. 8006105120

螺钉压接订货号 Part No. 8006106120

螺钉压接订货号 Part No. 8006109220

螺钉压接订货号 Part No. 8006107220

快速压接订货号 Part No. 8106105120

快速压接订货号 Part No. 8106106120

快速压接订货号 Part No. 8106109220

快速压接订货号 Part No. 8106107220

HE 系列 Series 10 回路 500V,16A



开孔侧出 Side-entry & bulkhead

开孔顶出 Top-entry & bulkhead

表面侧出 Side-entry & surface

表面顶出 Top-entry & surface

螺钉压接订货号 Part No. 8010101120

螺钉压接订货号 Part No. 8010102120

螺钉压接订货号 Part No. 8010103220

螺钉压接订货号 Part No. 8010104220

快速压接订货号 Part No. 8110101120

快速压接订货号 Part No. 8110102120

快速压接订货号 Part No. 8110103220

快速压接订货号 Part No. 8110104220



开孔带盖侧出 Side-entry & bulkhead cover

开孔带盖顶出 Top-entry & bulkhead cover

对接顶出 Top-entry & cable to cable

开孔单扣侧出 Side-entry & bulkhead

螺钉压接订货号 Part No. 8010105120

螺钉压接订货号 Part No. 8010106120

螺钉压接订货号 Part No. 8010109220

螺钉压接订货号 Part No. 8010111120

快速压接订货号 Part No. 8110105120

快速压接订货号 Part No. 8110106120

快速压接订货号 Part No. 8110109220

快速压接订货号 Part No. 8110111120

常用套件组合 SET GENERAL INTRODUCTION

HE 系列 Series 16 回路 500V,16A

							
开孔侧出 Side-entry & bulkhead		开孔顶出 Top-entry & bulkhead		表面侧出 Side-entry & surface		表面顶出 Top-entry & surface	
螺钉压接订货号 Part No.	8016101125	螺钉压接订货号 Part No.	8016102125	螺钉压接订货号 Part No.	8016103225	螺钉压接订货号 Part No.	8016104225
快速压接订货号 Part No.	8116101125	快速压接订货号 Part No.	8116102125	快速压接订货号 Part No.	8116103225	快速压接订货号 Part No.	8116104225
							
开孔带盖侧出 Side-entry & bulkhead cover		开孔带盖顶出 Top-entry & bulkhead cover		对接顶出 Top-entry & cable to cable		开孔单扣侧出 Side-entry & bulkhead	
螺钉压接订货号 Part No.	8016105125	螺钉压接订货号 Part No.	8016106125	螺钉压接订货号 Part No.	8016109225	螺钉压接订货号 Part No.	8016111125
快速压接订货号 Part No.	8116105125	快速压接订货号 Part No.	8116106125	快速压接订货号 Part No.	8116109225	快速压接订货号 Part No.	8116111125

HE 系列 Series 24 回路 500V,16A

							
开孔侧出 Side-entry & bulkhead		开孔顶出 Top-entry & bulkhead		表面侧出 Side-entry & surface		表面顶出 Top-entry & surface	
螺钉压接订货号 Part No.	8024101125	螺钉压接订货号 Part No.	8024102125	螺钉压接订货号 Part No.	8024103225	螺钉压接订货号 Part No.	8024104225
快速压接订货号 Part No.	8124101125	快速压接订货号 Part No.	8124102125	快速压接订货号 Part No.	8124103225	快速压接订货号 Part No.	8124104225
							
开孔带盖侧出 Side-entry & bulkhead cover		开孔带盖顶出 Top-entry & bulkhead cover		对接顶出 Top-entry & cable to cable		开孔单扣侧出 Side-entry & bulkhead	
螺钉压接订货号 Part No.	8024105125	螺钉压接订货号 Part No.	8024106125	螺钉压接订货号 Part No.	8024109225	螺钉压接订货号 Part No.	8024111125
快速压接订货号 Part No.	8124105125	快速压接订货号 Part No.	8124106125	快速压接订货号 Part No.	8124109225	快速压接订货号 Part No.	8124111125

常用套件组合 SET GENERAL INTRODUCTION

HE 系列 Series 32 回路 500V,16A



开孔侧出 Side-entry & bulkhead	
螺钉压接订货号 Part No.	8032101132
快速压接订货号 Part No.	8132101132

开孔顶出 Top-entry & bulkhead	
螺钉压接订货号 Part No.	8032102132
快速压接订货号 Part No.	8132102132

表面侧出 Side-entry & surface	
螺钉压接订货号 Part No.	8032103232
快速压接订货号 Part No.	8132103232

表面顶出 Top-entry & surface	
螺钉压接订货号 Part No.	8032104232
快速压接订货号 Part No.	8132104232



开孔带盖侧出 Side-entry & bulkhead cover	
螺钉压接订货号 Part No.	8032105132
快速压接订货号 Part No.	8132105132

开孔带盖顶出 Top-entry & bulkhead cover	
螺钉压接订货号 Part No.	8032106132
快速压接订货号 Part No.	8132106132

对接顶出 Top-entry & cable to cable	
螺钉压接订货号 Part No.	8032109232
快速压接订货号 Part No.	8132109232

开孔单扣侧出 Side-entry & bulkhead	
螺钉压接订货号 Part No.	8032111132
快速压接订货号 Part No.	8132111132

HE 系列 Series 48 回路 500V,16A



开孔侧出 Side-entry & bulkhead	
螺钉压接订货号 Part No.	8048101132
快速压接订货号 Part No.	8148101132

开孔顶出 Top-entry & bulkhead	
螺钉压接订货号 Part No.	8048102132
快速压接订货号 Part No.	8148102132

表面侧出 Side-entry & surface	
螺钉压接订货号 Part No.	8048103232
快速压接订货号 Part No.	8148103232

表面顶出 Top-entry & surface	
螺钉压接订货号 Part No.	8048104232
快速压接订货号 Part No.	8148104232



直插式重载连接器产品介绍 QUICK LOCK TERMINAL

产品研发背景 Product development background

随着人工成本的持续升高，产品成本随之增加，导致工业设备厂家失去产品竞争力；而大部分工时的消耗发生在基础工艺工序；因此，有必要对基础元件的产品进行结构优化，提高工作效率，SVL 直插式连接器颠覆传统接线工艺，在满足传统螺钉压接、笼式压接连接器，所有功能以外，在使用效率上有大幅提高。



产品推荐

功能描述 Function description

1 在开孔安装の場合，直插式连接器可实现连接器预安装在柜体上，再接线，如图一

可实现连接器预安装在柜体上，再接线

不能实现连接器预安装在柜体上，需先把底座固定在柜体上，然后把线接在芯件上，在把芯件固定到底座上



图 Diagram 1



2 为不影响柜内接线的整洁及规范、柜内的线束长度一般会尽量缩短，螺钉安装连接器由于压接螺丝被壳体遮挡，需要把线预留的长一些拉到柜体外，先接到连接器上再固定外壳，这时柜内的线就会过长，影响布线工艺 如图二

直插式 Quick lock terminal

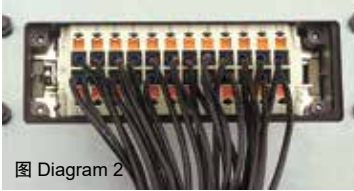


图 Diagram 2

其它压接方式 Other terminal



3 直插式接线方式可轻松的接线，当产品需增减某些线束时，直插式连接器也不需要拆装连接器壳体就可实现，如图三



图 Diagram 3

4 直插式连接器为用户预留的测试孔，可实现带电测试，如图四

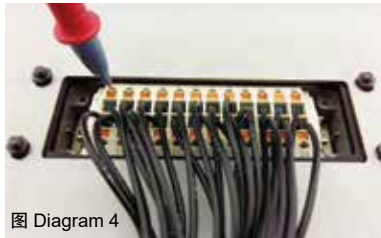


图 Diagram 4

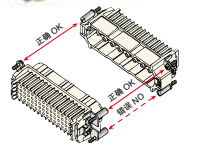
5 直插式连接器运用编码块（图五）替代传统的编码销，实现多个连接器防插错，工艺简单、成本极低、将编码块压入插槽内即可实现（图六）

图 Diagram 5



编码块 Encoding profile
编码销 Standard code pin

图 6 Diagram

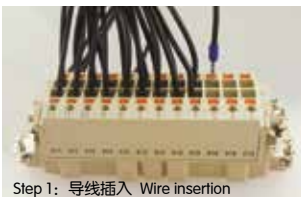


传统连接器运用编码销，需要先把固定螺丝取下，换上编码销，操作麻烦费时间，且价格相比编码块高昂。

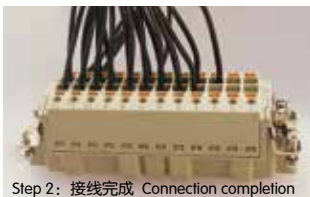
产品接线方式对比 Product wiring method

产品 Product	直插式 Quick lock terminal 24 inserts (公插 M+ 母插 F)	弹片压接 Cage-clamp terminal 24 inserts(公插 M+ 母插 F)	螺钉压接 Screw terminal 24 inserts (公插 M+ 母插 F)
接线耗时 Connection time	6 分钟 min	12.5 分钟 min	15 分钟 min

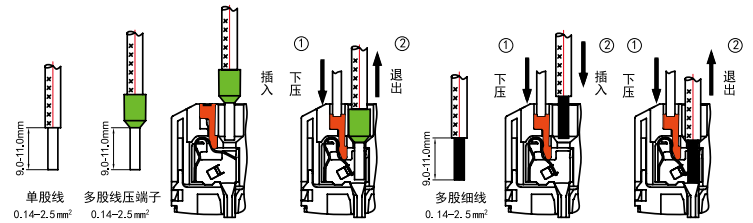
1 直插式弹片接线方式 Quick Lock terminal



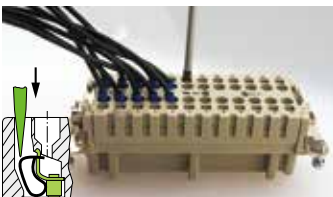
Step 1: 导线插入 Wire insertion



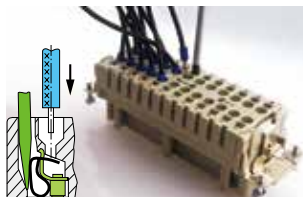
Step 2: 接线完成 Connection completion



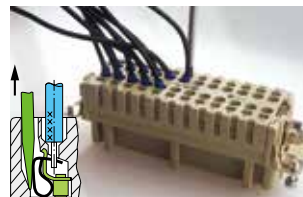
2 普通弹片接线方式 Cage-clamp terminal



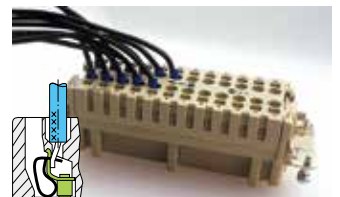
Step 1: 螺钉起子插入正方形插孔中，弹片被推向一侧，从而打开接线口。



Step 2: 将线缆插入圆形接口。



Step 3: 取出螺丝起子，弹片收回原位，从而夹紧插入的线缆。



Step 4: 连接完成，请拉动线缆以确认线缆确实被弹片夹紧。

3 螺钉接线方式 Screw terminal

手工拧紧或电动螺丝刀拧紧，拧紧力不一致，导致螺丝没拧到位，同时在振动条件，螺丝有松脱可能。因为拧紧力度不一样，使用工具的不规范，容易导致十字螺丝头打滑，从而使产品报废，不适宜频繁更换线。同时如果采用手工拧紧，极大的增加了作业人员的劳动强度。

无线保护装置

Terminals without wire protection










有线保护装置

Terminals with wire protection



HA 小型接插体 CONNECT THE SMALL BODY

产品系列 Series	HA							
针数 Number of contacts	3 + ⊕		3 + ⊕		4 + ⊕		4 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		弹片压接 Cage clamp terminal		螺钉压接 Screw terminal		弹片压接 Cage clamp terminal	
								
额定电流 Rated current	10A		10A		10A		10A	
额定电压 Rated voltage	250V		400V		250V		400V	
线规 Wire gauge	0.5-1.5 mm ²		0.14-2.5 mm ²		0.5-1.5 mm ²		0.14-2.5 mm ²	
适配外壳 Size	H3A		H3A		H3A		H3A	
公接插针 Male insert (M)	HA-003-M	1200032611	HAS-003-M	1200032633	HA-004-M	1200042611	HAS-004-M	1200042633
母接插针 Female insert (F)	HA-003-F	1200032711	HAS-003-F	1200032733	HA-004-F	1200042711	HAS-004-F	1200042733

产品系列 Series	HA							
针数 Number of contacts	10 + ⊕		16 + ⊕		32 + ⊕			
接线方式 Termination terminal	螺钉压接 Screw terminal		螺钉压接 Screw terminal		螺钉压接 Screw terminal			
								
额定电流 Rated current	16A		16A		16A			
额定电压 Rated voltage	250V		250V		250V			
线规 Wire gauge	0.5-2.5 mm ²		0.5-2.5 mm ²		0.5-2.5 mm ²			
适配外壳 Size	H10A		H16A		H32A			
公接插针 Male insert (M)	HA-010-M	1200102612	HA-016-M	1200162612	HA-016-M (1-16)	1200162612	HA-032-M (17-32)	1200162613
母接插针 Female insert (F)	HA-010-F	1200102812	HA-016-F	1200162812	HA-016-F (1-16)	1200162812	HA-032-F (17-32)	1200162813

常规型插芯技术参数 Technical characteristics



1 插芯 Inserts




接插件针数 Number of contacts	3,4,10,16,24,32(2X16)+PE
依据 EN 61 984 的电气数据 Electrical data	
HA-003、HA-004	
- 额定电流 Rated current	10A
- 相对地额定电压 Rated voltage conductor-ground	230V
- 相对额定电压 Rated voltage conductor-conductor	400V
- 额定脉冲电压 Rated impulse voltage	4KV
- 污染程度 Pollution degree	3
- 或 or	10A 250V 4KV 3
HA-010、HA-016	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	250V
- 额定脉冲电压 Rated impulse voltage	4KV
- 污染程度 Pollution degree	3
- 污染程度 2 时的参数 Pollution degree 2 also	16A 230/400V 4kV 2
依据 UL/CSA 额定电压 Rated voltage	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℃ ...+125℃
阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥500




2 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
螺钉连接 Screw terminal	
- 3/4 芯导线规格 Wire specifications	0.5-1.5 mm ²
- 10/16/32 芯导线规格 Wire specifications	0.5-2.5 mm ²
-AWG	18-14
- 拧紧 / 检测力矩 Tightening torque	0.25Nm (HA-003/004) or 0.5Nm (HA-010/016)
弹片连接 Cage-c	
- 导线规格 Wire specifications	0.14-2.5 mm ²
-AWG	26-14

HE 常规接插体 CONVENTIONAL TYPE PLUG

产品系列 Series	HE					
针数 Number of contacts	6 + ⊕		6 + ⊕		6 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		快速压接 / 弹片式 Quick lockCage clamp terminal		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
	M	F	M	F	M	F
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.5-2.5 mm ²		0.14-2.5 mm ²		0.14-4.0 mm ²	
适配外壳 Size	H6B		H6B		H6B	
公接插针 Male insert (M)	HE-006-M	1330062601	HESH-006-M	1330062633	HEC-006-M	1330062602
母接插针 Female insert (F)	HE-006-F	1330062701	HESH-006-F	1330062733	HEC-006-F	1330062702

产品系列 Series	HE					
针数 Number of contacts	10 + ⊕		10 + ⊕		10 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		快速压接 / 弹片式 Quick lockCage clamp terminal		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
	M	F	M	F	M	F
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.5-2.5 mm ²		0.14-2.5 mm ²		0.14-4.0 mm ²	
适配外壳 Size	H10B		H10B		H10B	
公接插针 Male insert (M)	HE-010-M	1330102601	HESH-010-M	1330102633	HEC-010-M	1330102602
母接插针 Female insert (F)	HE-010-F	1330102701	HESH-010-F	1330102733	HEC-010-F	1330102702

产品系列 Series	HE					
针数 Number of contacts	16 + ⊕		16 + ⊕		16 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		快速压接 / 弹片式 Quick lockCage clamp terminal		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
	M	F	M	F	M	F
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.5-2.5 mm ²		0.14-2.5 mm ²		0.14-4.0 mm ²	
适配外壳 Size	H16B		H16B		H16B	
公接插针 Male insert (M)	HE-016-M	1330162601	HESH-016-M	1330162633	HEC-016-M	1330162602
母接插针 Female insert (F)	HE-016-F	1330162701	HESH-016-F	1330162733	HEC-016-F	1330162702

产品系列 Series	HE					
针数 Number of contacts	24 + ⊕		24 + ⊕		24 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		快速压接 / 弹片式 Quick lockCage clamp terminal		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
	M	F	M	F	M	F
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.5-2.5 mm ²		0.14-2.5 mm ²		0.14-4.0 mm ²	
适配外壳 Size	H24B		H24B		H24B	
公接插针 Male insert (M)	HE-024-M	1330242601	HESH-024-M	1330242633	HEC-024-M	1330242602
母接插针 Female insert (F)	HE-024-F	1330242701	HESH-024-F	1330242733	HEC-024-F	1330242702

HE 常规接插体 CONVENTIONAL TYPE PLUG

产品系列 Series	HE					
针数 Number of contacts	32 + ⊕		32 + ⊕		32 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		快速压接 / 弹片式 Quick lock/Cage clamp terminal		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.5~2.5 mm ²		0.14~2.5 mm ²		0.14~4.0 mm ²	
适配外壳 Size	H32B		H32B		H32B	
公接插针 Male insert (M)	HE-016-M (1-16)	1330162601	HESH-016-M (1-16)	1330162633	HEC-016-M (1-16)	1330162602
	HE-032-M (17-32)	1330162611	HESH-032-M (17-32)	1330162634	HEC-032-M (17-32)	1330162612
母接插针 Female insert (F)	HE-016-F (1-16)	1330162701	HESH-016-F (1-16)	1330162733	HEC-016-F (1-16)	1330162702
	HE-032-F (17-32)	1330162711	HESH-032-F (17-32)	1330162734	HEC-032-F (17-32)	1330162712

产品系列 Series	HE					
针数 Number of contacts	48 + ⊕		48 + ⊕		48 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		快速压接 / 弹片式 Quick lock/Cage clamp terminal		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.5~2.5 mm ²		0.14~2.5 mm ²		0.14~4.0 mm ²	
适配外壳 Size	H48B		H48B		H48B	
公接插针 Male insert (M)	HE-024-M (1-24)	1330242601	HESH-024-M (1-24)	1330242633	HEC-024-M (1-24)	1330242602
	HE-048-M (25-48)	1330242611	HESH-048-M (25-48)	1330242634	HEC-048-M (25-48)	1330242612
母接插针 Female insert (F)	HE-024-F (1-24)	1330242701	HESH-024-F (1-24)	1330242733	HEC-024-F (1-24)	1330242702
	HE-048-F (25-48)	1330242711	HESH-048-F (25-48)	1330242734	HEC-048-F (25-48)	1330242712

HE 常规型插芯技术参数 Technical parameters of conventional mortise

1 插芯 Inserts

接插件针数 Inserts/Number of contacts	6, 10, 16, 24, 32(2X16), 48(2X24)+PE
依据 EN 61 984 的额定电压 Electrical data	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	500V
- 额定脉冲电压 Rated impulse voltage	6KV
- 污染程度 Pollution degree	3
- 污染程度 2 时的参数 Pollution degree 2 also	16A 400/690V 6kV 2
依据 UL/CSA 额定电压 Rated voltage	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℃ ...+125℃
依据 UL94 的阻燃等级 Flammability acc.	V0
可拔插次数 Mating cycles	≥500

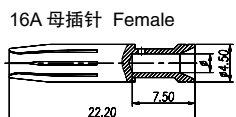
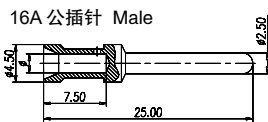
2 插针 Contacts

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
螺钉连接 Screw terminal	
- 导线规格 Wire specifications	0.5~2.5mm ²
-AWG	26-14
- 拧紧 / 检测力矩 Tightening torque	0.5Nm
- 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
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

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银
Material: Copper, hard silver
接触电阻 Contact resistance: ≤ 1mΩ
接线形式: 冷压接线
Termination methods: Crimp connection



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	7.5mm	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	7.5mm	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	7.5mm	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	7.5mm	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	7.5mm	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	7.5mm	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	7.5mm	CEM-4.0	3330006107	CEF-4.0	3330006207

HVE 高电压型接插体 CONNECT THE HIGH VOLTAGE TYPE BODY



产品系列 Series	HVE					
针数 Number of contacts	3 + ⊕		6 + ⊕		10 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal 保险针 Safe high voltage connections		螺钉压接 Screw terminal 保险针 Safe high voltage connections		螺钉压接 Screw terminal 保险针 Safe high voltage connections	
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	830V		830V		830V	
线规 Wire gauge	0.5-2.5 mm ²		0.5-2.5 mm ²		0.5-2.5 mm ²	
适配外壳 Size	H10B		H16B		H24B	
公接插针 Male insert (M)	HVE-003+2-M	1340032601	HVE-006+2-M	1340062601	HVE-010+2-M	1340102601
母接插针 Female insert (F)	HVE-003+2-F	1340032701	HVE-006+2-F	1340062701	HVE-010+2-F	1340102701




高电压型插芯技术参数 High-voltage plug core technical parameter



1 插芯 Inserts	
依据 DIN EN 61984 的电气数据	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	830V
- 额定脉冲电压 Rated impulse voltage	8KV
- 污染程度 Pollution degree	3
- 当污染程度 2 时的参数 Pollution degree 2 also	16A 1000V 8kV 2
- 或 Or	16A 720V/1250V 8kV 2
- 保险加长针 Insurance and long needle	16A 500V 6kV 3
依据 UL/CSA 额定电压 Rated voltage	600V
保险延迟针 Insurance delay pin	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℃ ...+125℃
阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥500



2 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
螺钉连接 Screw terminal	
- 导线规格 Wire specifications	0.5-2.5mm ²
-AWG	26-14
- 拧紧 / 检测力矩 Tightening tourque	0.5Nm
- 剥线长度 Stripping length	7.0mm



HEE 高密度型接插体 HIGH DENSITY TYPE PLUG

产品系列 Series	HEE					
针数 Number of contacts	10 + \oplus		18 + \oplus		32 + \oplus	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.14-4.0 mm ²		0.14-4.0 mm ²		0.14-4.0 mm ²	
适配外壳 Size	H6B		H10B		H16B	
公接插针 Male insert (M)	HEE-010-M	1320103001	HEE-018-M	1320183001	HEE-032-M	1320323001
母接插针 Female insert (F)	HEE-010-F	1320103101	HEE-018-F	1320183101	HEE-032-F	1320323101

产品系列 Series	HEE					
针数 Number of contacts	46 + \oplus		64 + \oplus		92 + \oplus	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	500V		500V		500V	
线规 Wire gauge	0.14-4.0 mm ²		0.14-4.0 mm ²		0.14-4.0 mm ²	
适配外壳 Size	H24B		H32B		H48B	
公接插针 Male insert (M)	HEE-046-M	1320463001	HEE-032-M (1-32)	1320323001	HEE-046-M (1-46)	1320463001
			HEE-064-M (33-64)	1320323011	HEE-092-M (47-92)	1320463011
母接插针 Female insert (F)	HEE-046-F	1320463101	HEE-032-F (1-32)	1320323101	HEE-046-F (1-46)	1320463101
			HEE-064-F (33-64)	1320323111	HEE-092-F (47-92)	1320463111

产品系列 Series	HEEE					
针数 Number of contacts	40 + \oplus		64 + \oplus		72 + \oplus	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
额定电流 Rated current	16A		16A		16A	
额定电压 Rated voltage	400V		400V		400V	
线规 Wire gauge	0.14-4.0 mm ²		0.14-4.0 mm ²		0.14-4.0 mm ²	
适配外壳 Size	H16B		H24B		H24B	
公接插针 Male insert (M)	HEEE-040-M	1320403001	HEEE-064-M	1320643001	HEEE-072-M	1320723001
母接插针 Female insert (F)	HEEE-040-F	1320403101	HEEE-064-F	1320643101	HEEE-072-F	1320723101

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银

Material: Copper, hard silver

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

接线形式: 冷压接线

Termination methods: Crimp connection

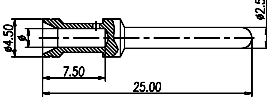
CEM



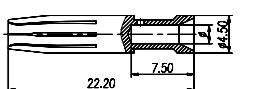
CEF



16A 公插针 Male



16A 母插针 Female



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.
0.14-0.37	AWG26-22	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	CEM-4.0	3330006107	CEF-4.0	3330006207

高密度型插芯技术参数 High density-ferrule technology parameters

1 插芯 Inserts

接插件针数 Inserts Number of contacts	10,18,32,46,64,64(2X32)
	92(2X46)+PE
依据 EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	16A
- 额定电压 Rated voltage	500V
- 额定脉冲电压 Rated impulse voltage	6kV
- 污染程度 Pollution degree	3
- 污染程度 2 时的参数 Pollution degree 2 also	16A 830V 8kV 2
依据 UL/CSA 额定电压 Rated voltage	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
可拔插次数 Mating cycles	≥ 500

2 插针 Contacts

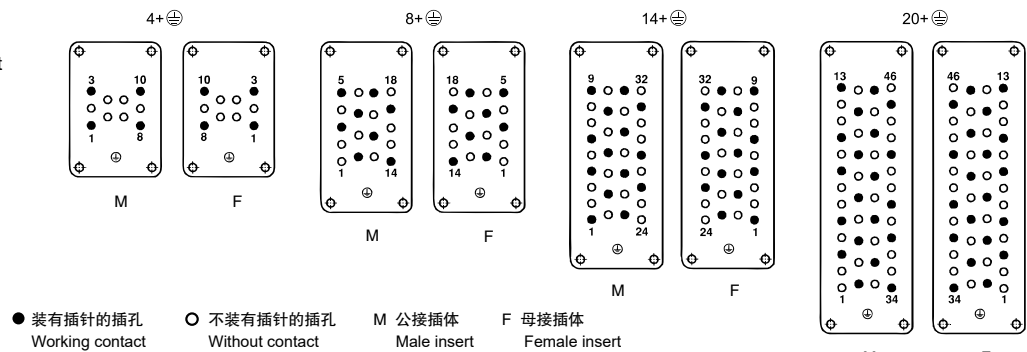
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated
	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1m\Omega$
冷压连接 Crimp terminal	
- 导线规格 Wire specifications	0.14-4.0 mm ²
- AWG	26-12
- 剥线长度 Stripping length	7.5 mm

HEE 调整插针分布可提高工作电压至 Modified contact arrangement up to 1000V

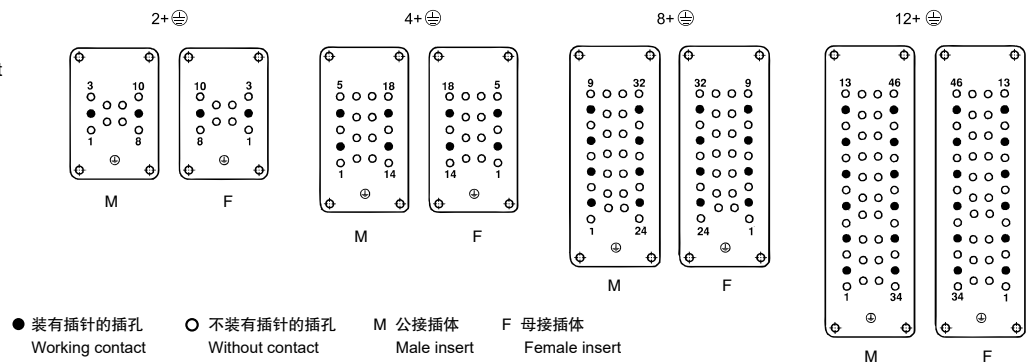
HEE 接插体在装满针时，在绝缘等级 3(C) 时，其工作电压可达到 500V。但其插针分布经过调整，同样在绝缘等级 3(C) 时，其工作电压允许值可达到 1000V。

The connector series HEE equipped with all contacts may be used for voltages up to 500V ~ insulation group C. A modified contact loading arrangement permits use up to 1000V ~ also in insulation group C.

调整后插针分布
Modified contact arrangement
690V- 绝缘等级 3C
Insulation group C



调整后插针分布
Modified contact arrangement
1000V- 绝缘等级 3C
Insulation group C



HD 超高密度型接插体 HIGH PIN COUNT CONNECTORS

产品系列 Series	HD					
针数 Number of contacts	7 + ⊕		8 + ⊕		15 + ⊕	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
额定电流 Rated current	10A		10A		10A	
额定电压 Rated voltage	250V		50V		250V	
线规 Wire gauge	0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-2.5 mm ²	
适配外壳 Size	H3A		H3A		H10A	
公接插针 Male insert (M)	HD-007-M	1210073031	HD-008-M	1360083001	HD-015-M	1210153001
母接插针 Female insert (F)	HD-007-F	1210073131	HD-008-F	1360083101	HD-015-F	1210153101

产品系列 Series	HD					
针数 Number of contacts	25 + ⊕		40 + ⊕		64 + ⊕	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
额定电流 Rated current	10A		10A		10A	
额定电压 Rated voltage	250V		250V		250V	
线规 Wire gauge	0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-2.5 mm ²	
适配外壳 Size	H16A		H16B		H24B	
公接插针 Male insert (M)	HD-025-M	1210253001	HD-040-M	1210403001	HD-064-M	1210643001
母接插针 Female insert (F)	HD-025-F	1210253101	HD-040-F	1210403101	HD-064-F	1210643101

产品系列 Series	HD					
针数 Number of contacts	50 + ⊕		80 + ⊕		128 + ⊕	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
额定电流 Rated current	10A		10A		10A	
额定电压 Rated voltage	250V		250V		250V	
线规 Wire gauge	0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-2.5 mm ²	
适配外壳 Size	H32A		H32B		H48B	
公接插针 Male insert (M)	HD-025-M (1-25)	1210253001	HD-040-M (1-40)	1210403001	HD-064-M (1-64)	1210643001
	HD-025-M (1-25)	1210253001	HD-040-M (1-40)	1210403001	HD-064-M (1-64)	1210643001
母接插针 Female insert (F)	HD-025-F (1-25)	1210253101	HD-040-F (1-40)	1210403101	HD-064-F (1-64)	1210643101
	HD-025-F (1-25)	1210253101	HD-040-F (1-40)	1210403101	HD-064-F (1-64)	1210643101

10A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银 / 金

Material: Copper, hard silver / gold plated

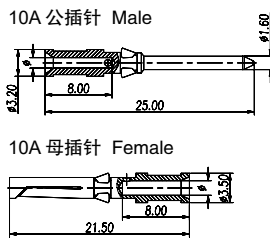
接触电阻 Contact resistance: ≤ 3mΩ

接线形式: 冷压接线

Termination methods: Crimp connection

CDM

CDF



线径 (mm) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	8.0mm	CDM-0.37	3150006104	CDF-0.37	3150006204
0.5	AWG20	8.0mm	CDM-0.5	3150006103	CDF-0.5	3150006203
0.75	AWG18	8.0mm	CDM-0.75	3150006105	CDF-0.75	3150006205
1.0	AWG18	8.0mm	CDM-1.0	3150006102	CDF-1.0	3150006202
1.5	AWG16	8.0mm	CDM-1.5	3150006101	CDF-1.5	3150006201
2.5	AWG14	8.0mm	CDM-2.5	3150006106	CDF-2.5	3150006206

超高密度型插芯技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	7, 8, 15, 25, 40, 50(25x2), 64, 80(40x2), 128(64x2)+PE
按照 DIN EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	10A
- 额定电压 Rated voltage	250V
- 额定脉冲电压 Rated impulse voltage	4kV
- 污染程度 Pollution degree	3
- 当污染程度 2 时的参数 Pollution degree 2 also	10A 230/400V 4kV 2
- 依据 UL/CSA 额定电压 Rated voltage	600V
- 依据 CSA 绕线连接的额定电压	2A 30V
HD-008 的电气数据 Electrical data	
- 额定电流 Rated current	10A
- 额定电压 Rated voltage	~50V/-120V
- 额定脉冲电压 Rated impulse voltage	4kV
- 污染程度 Pollution degree	3
- 依据 UL/CSA 额定电压 Rated voltage	50V
- 额定电压 (直流电压) Rated voltage	120V
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
可拔插次数 Mating cycles	≥ 500

2 插针 Contacts

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



HD 接插体

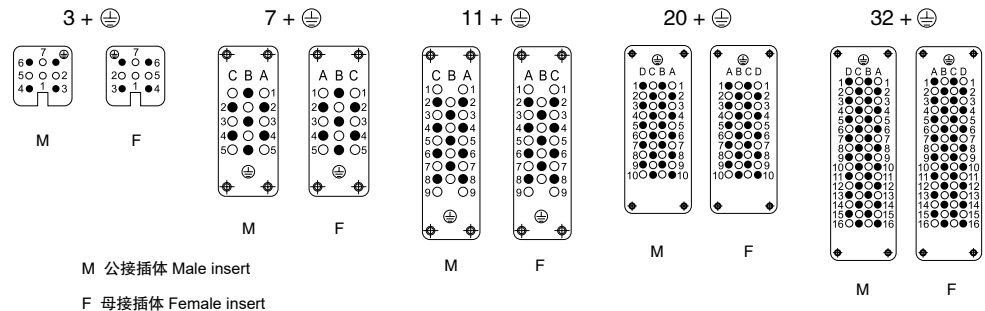
HD 调整插针分布可提高工作电压至 Modified contact arrangement up to 500V

HD 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 connector series HD equipped with all contacts may be used for voltages 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

10A 500V 6kV 3



柜内安装采用导轨式案例



连接线缆是通过穿墙板接到柜内连接器









采用柜内安装开口部分可配合穿墙板使用



柜内安装采用表面壳体案例

HDD 超高密度型接插体 HIGH PIN COUNT CONNECTORS

产品系列 Series	HDD					
针数 Number of contacts	24 + \oplus		42 + \oplus		72 + \oplus	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
	M	F	M	F	M	F
额定电流 Rated current	10A		10A		10A	
额定电压 Rated voltage	250V		250V		250V	
线规 Wire gauge	0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-2.5 mm ²	
适配外壳 Size	H6B		H10B		H16B	
公接插针 Male insert (M)	HDD-024-M	1160243001	HDD-042-M	1160423001	HDD-072-M	1160723001
母接插针 Female insert (F)	HDD-024-F	1160243101	HDD-042-F	1160423101	HDD-072-F	1160723101

产品系列 Series	HDD					
针数 Number of contacts	108 + \oplus		144 + \oplus		216 + \oplus	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
	M	F	M	F	M	F
额定电流 Rated current	10A		10A		10A	
额定电压 Rated voltage	250V		250V		250V	
线规 Wire gauge	0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-2.5 mm ²	
适配外壳 Size	H24B		H32B		H48B	
公接插针 Male insert (M)	HDD-108-M	1161083001	HDD-072-M (1-72)	1160723001	HDD-108-M (1-108)	1161083001
			HDD-144-M (73-144)	1160723011	HDD-216-M (109-216)	1161083011
母接插针 Female insert (F)	HDD-108-F	1161083101	HDD-072-F (1-72)	1160723101	HDD-108-F (1-108)	1161083101
			HDD-144-F(73-144)	1160723111	HDD-216-F(109-216)	1161083111

10A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银 / 金

Material: Copper, hard silver / gold plated

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

接线形式: 冷压接线

Termination methods: Crimp connection

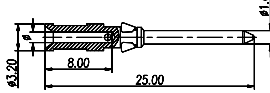
CDM



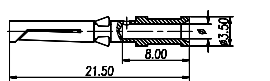
CDF



10A 公插针 Male



10A 母插针 Female



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	8.0mm	CDM-0.37	3150006104	CDF-0.37	3150006204
0.5	AWG20	8.0mm	CDM-0.5	3150006103	CDF-0.5	3150006203
0.75	AWG18	8.0mm	CDM-0.75	3150006105	CDF-0.75	3150006205
1.0	AWG18	8.0mm	CDM-1.0	3150006102	CDF-1.0	3150006202
1.5	AWG16	8.0mm	CDM-1.5	3150006101	CDF-1.5	3150006201
2.5	AWG14	8.0mm	CDM-2.5	3150006106	CDF-2.5	3150006206



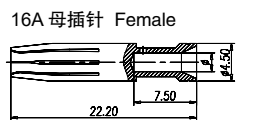
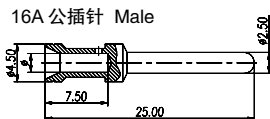
HQ 接插体 CONNECTOR

产品系列 Series	HQ									
针数 Number of contacts	5 + ♂		7 + ♂		12 + ♂		8 + ♂		4/2 + ♂	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购)		冷压接 Crimp terminal (冷压针请单独订购)		冷压接 Crimp terminal (冷压针请单独订购)		冷压接 Crimp terminal (冷压针请单独订购)		冷压接 Crimp terminal (冷压针请单独订购)	
额定电流 Rated current	M	F	M	F	M	F	M	F	M	F
额定电压 Rated voltage	16A		10A		10A		16A		40A / 10A	
线规 Wire gauge	0.14-4.0 mm ²		0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-4.0 mm ²		1.5-6.0 mm ² / 0.14-2.5 mm ²	
适配外壳 Size	H3A		H3A		H3A		H8A		H8A	
公接插针 Male insert (M)	HQ-005-M	1120053001	HQ-007-M	1120073001	HQ-012-M	1120123001	HQ-008-M	1120083001	HQ-4/2-M	1120063041
母接插针 Female insert (F)	HQ-005-F	1120053101	HQ-007-F	1120073101	HQ-012-F	1120123101	HQ-008-F	1120083101	HQ-4/2-F	1120063141

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银
Material: Copper, hard silver
接触电阻 Contact resistance: ≤ 1mΩ
接线形式: 冷压接线
Termination methods: Crimp connection



CEM



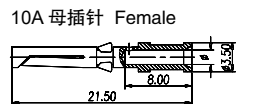
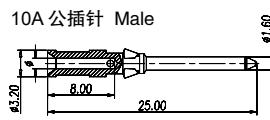
CEF

线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	7.5mm	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	7.5mm	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	7.5mm	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	7.5mm	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	7.5mm	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	7.5mm	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	7.5mm	CEM-4.0	3330006107	CEF-4.0	3330006207

10A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银 / 金
Material: Copper, hard silver / gold plated
接触电阻 Contact resistance: ≤ 3mΩ
接线形式: 冷压接线
Termination methods: Crimp connection



CDM



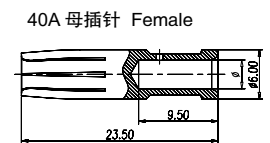
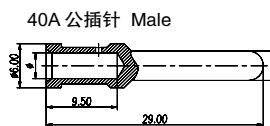
CDF

线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	8.0mm	CDM-0.37	3150006104	CDF-0.37	3150006204
0.5	AWG20	8.0mm	CDM-0.5	3150006103	CDF-0.5	3150006203
0.75	AWG18	8.0mm	CDM-0.75	3150006105	CDF-0.75	3150006205
1.0	AWG18	8.0mm	CDM-1.0	3150006102	CDF-1.0	3150006202
1.5	AWG16	8.0mm	CDM-1.5	3150006101	CDF-1.5	3150006201
2.5	AWG14	8.0mm	CDM-2.5	3150006106	CDF-2.5	3150006206

40A 插针 Contacts

技术参数 Technical data

材质: 铜镀银 / 金
Material: Copper, hard silver / gold plated
接触电阻 Contact resistance: ≤ 4mΩ
接线形式: 冷压接线
Termination methods: Crimp connection



CMM



CMF

线径 (mm ²) Wire gauge	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	镀银冷压针 Crimp contacts, silver-plated 订货号 Part No.	
1.5	AWG16	8.0mm	CMM-1.5	3320006104
2.5	AWG14	8.0mm	CMM-2.5	3320006105
4.0	AWG12	8.0mm	CMM-4.0	3320006107
6.0	AWG10	8.0mm	CMM-6.0	3320006108
10.0	AWG7	8.0mm	CMM-10	3320006109

线径 (mm ²) Wire gauge	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	镀银冷压针 Crimp contacts, silver-plated 订货号 Part No.	
1.5	AWG16	8.0mm	CMF-1.5	3320006204
2.5	AWG14	8.0mm	CMF-2.5	3320006205
4.0	AWG12	8.0mm	CMF-4.0	3320006207
6.0	AWG10	8.0mm	CMF-6.0	3320006208
10.0	AWG7	8.0mm	CMF-10	3320006209

技术参数 Technical characteristics




1 插芯 Inserts

依据 UL/CSA 额定电压 Rated voltage	400V / 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℃ ... +125℃
依据 UL94 的阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

2 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
HQ-005/HQ-008 接触电阻 Contact resistance	≤ 1mΩ
HQ-007/HQ-0012 接触电阻 Contact resistance	≤ 3mΩ
HQ-4/2 接触电阻 Contact resistance	≤ 0.3mΩ

HQ 接插体 CONNECTOR

产品系列 Series	HQ										
针数 Number of contacts	2 + ⊕					2 + ⊕					
接线方式 Termination terminal	轴向压接 Axial screw terminal					轴向压接 Axial screw terminal					编码销 Coding element
											
额定电流 Rated current	40A		40A		40A		40A				
额定电压 Rated voltage	400V		400V		830V		830V				
线规 Wire gauge	2.5-6.0 mm ²		4-10 mm ²		2.5-6.0 mm ²		4-10 mm ²				
适配外壳 Size	H3A		H3A		H3A		H3A				
公接插针 Male insert (M)	HQ-002-MD	1120022653	HQ-002-M	1120022651	HQ-002V-MD	1120022654	HQ-002V-M	1120022652	HQ-DE	1120029922	
母接插针 Female insert (F)	HQ-002-FD	1120022753	HQ-002-F	1120022751	HQ-002V-FD	1120022754	HQ-002V-F	1120022752			

插芯技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	2+PE
依据 EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	40 A
- 额定电压 Rated voltage	400 V
	830 V
- 额定脉冲电压 Rated impulse voltage	6 kV
- 污染程度 Pollution degree	3
依据 UL/CSA 额定电压 Rated voltage	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
可拔插次数 Mating cycles	≥ 500

2 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
轴向连接 Axial screw terminal	
- 导线规格 Wire specifications	2.5-6 mm ²
	4-10 mm ²
- AWG	14-8
- 拧紧力矩 Tightening torque	1.8 Nm
剥线长度 Stripping length	8 mm ^{±1}

产品系列 Series	Quintax 电磁屏蔽模块	Quintax-001	Quintax-004	Quintax-008				
接线方式 Termination terminal	适配器, 适配 H3A 外壳	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)				
								
额定电流 Rated current		16A	10A	5A				
额定电压 Rated voltage		50V	50V	50V				
线规 Wire gauge		0.14-4.0 mm ²	0.14-2.5 mm ²	0.08-0.52 mm ²				
公接插针 Male insert (M)	H3A-001-M	5140011001	Quintax-001-M	5150013023	Quintax-004-M	5150043023	Quintax-008-M	5150083023
母接插针 Female insert (F)	H3A-001-F	5140011101	Quintax-001-F	5150013123	Quintax-004-F	5150043113	Quintax-008-F	5150083113

尺寸图



HSB 大电流型接插体 CONNECTORS FOR HIGHER CURRENT

产品系列 Series		HSB			
针数 Number of contacts		6 + ⊕		12 + ⊕	
接线方式 Termination terminal		螺钉压接 Screw terminal		螺钉压接 Screw terminal	
					
		M	F	M	F
额定电流 Rated current		35 A		35 A	
额定电压 Rated voltage		690 V		690 V	
线规 Wire gauge		6.0 mm ²		6.0 mm ²	
适配外壳 Size		H16B		H32B	
公接插针 Male insert (M)	HSB-006-M		1310062601	HSB-006-M (1-6)	1310062601
				HSB-012-M (7-12)	1310062611
母接插针 Female insert (F)	HSB-006-F		1310062701	HSB-006-F (1-6)	1310062701
				HSB-012-F (7-12)	1310062711

大电流型插芯技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	6,12+PE
依据 EN 61984 的电气数据 Electrical data	
- 额定电流 Rated current	35A
- 相对地额定电流 Rated current conductor-ground	400V
- 相对额定电压 Rated voltage conductor-conductor	690V
- 额定脉冲电压 Rated impulse voltage	6kV
- 污染程度 Pollution degree	3
- 或 Or	35A 500V 6kV 3
依据 UL/CSA 额定电压 Rated voltage	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
可拔插次数 Mating cycles	≥ 500



2 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
冷压连接 Crimp terminal	
- 导线规格 Wire specifications	6.0 mm ²
- AWG	10
- 拧紧力矩 Tightening torque	1.2Nm



组合型大电流接插体 HIGH CURRENT CONNECTORS

产品系列 Series	HSH		HWK	
针数 Number of contacts	4/2 + ⊕		6/6 + ⊕	
接线方式 Termination terminal	弹片压接 / 快速压接 Quick lock / Cage clamp terminal		螺钉压接 Screw terminal	
额定电流 Rated current	40 A / 16 A		40 A / 16 A	
额定电压 Rated voltage	690 V / 400 V		690 V / 400 V	
线规 Wire gauge	0.5–6.0 mm ² / 0.14–2.5 mm ²		4–10 mm ² / 1–2.5 mm ²	
适配外壳 Size	H16B		H16B	
公接插针 Male insert (M)	HSH-4/2-006-M	1319062601	HWK-6/6-M	1380122611
母接插针 Female insert (F)	HSH-4/2-006-F	1319062701	HWK-6/6-F	1380122711

HSH 技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	4/2+PE
依据 DIN EN 61984 的电气数据 Electrical data	
电源区 Power area	
– 额定电流 Rated current	40A
– 额定电压 Rated voltage	400V / 690V
– 额定脉冲电压 Rated impulse voltage	6kV
– 污染程度 Pollution degree	3
信号区 Signal area	
– 额定电流 Rated current	16A
– 额定电压 Rated voltage	230V / 400V
– 额定脉冲电压 Rated impulse voltage	4kV
– 污染程度 Pollution degree	3
依据 UL/CSA 额定电压 Rated voltage	600V / 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
阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

2 插针 Contacts

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接线形式 Termination methods	弹片连接 Cage-clamp terminal
接触电阻 Contact resistance	
– 电源针 Power contacts	≤ 0.3 mΩ
– 信号针 Signal contacts	≤ 1 mΩ
导线规格	
电源针 Power contacts	
–mm ²	0.5–6.0 mm ²
–AWG	12–8
信号针 Signal contacts	
–mm ²	0.14–2.5 mm ²
–AWG	18–4
拧紧力矩 Tightening torque	
– 电源针 Power contacts	mm ² 1.5 2.5 4 6 N.m 1.2 2 3 3
– 信号针 Signal contacts	0.5 N.m

HWK 技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	6/6+PE
依据 DIN EN 61984 的电气数据 Electrical data	
电源区 Power area	
– 额定电流 Rated current	40A
– 额定电压 Rated voltage	400V / 690V
– 额定脉冲电压 Rated impulse voltage	6kV
– 污染程度 Pollution degree	3
信号区 Signal area	
– 额定电流 Rated current	16A
– 额定电压 Rated voltage	230V / 400V
– 额定脉冲电压 Rated impulse voltage	4kV
– 污染程度 Pollution degree	3
依据 UL/CSA 额定电压 Rated voltage	600V / 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
阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

2 插针 Contacts

材料 Material	铜合金 Copper alloy
表面处理 Surface	镀银 Hard-silver plated
接线形式 Termination methods	螺丝连接 Screw terminal
接触电阻 Contact resistance	
– 电源针 Power contacts	≤ 0.3 mΩ
– 信号针 Signal contacts	≤ 1 mΩ
导线规格	
电源针 Power contacts	
–mm ²	4–10 mm ²
–AWG	12–8
信号针 Signal contacts	
–mm ²	1–2.5 mm ²
–AWG	18–4
拧紧力矩 Tightening torque	
– 电源针 Power contacts	mm ² 1.5 2.5 4 6 10 16 N.m 1.2 2 3 3 3 3
– 信号针 Signal contacts	0.5 N.m

HK 组合型大电流接插体 HIGH CURRENT CONNECTORS



产品系列 Series	HK					
针数 Number of contacts	4/0 + ⊕		4/2 + ⊕		4/8 + ⊕	
接线方式 Termination terminal	螺钉压接 Screw terminal		螺钉压接 Screw terminal		螺钉压接 Screw terminal	
	M	F	M	F	M	F
额定电流 Rated current	80 A		80 A / 16 A		80 A / 16 A	
额定电压 Rated voltage	690 V		690 V / 400 V		690 V / 400 V	
线规 Wire gauge	1.5-16 mm ²		1.5-16 mm ² / 0.5-2.5 mm ²		1.5-16 mm ² / 0.5-2.5 mm ²	
适配外壳 Size	H16B		H16B		H24B	
公接插针 Male insert (M)	HK-4/0-M	1380062611	HK-4/2-M	1380062601	HK-4/8-M	1380122601
母接插针 Female insert (F)	HK-4/0-F	1380062711	HK-4/2-F	1380062701	HK-4/8-F	1380122701

组合型插芯技术参数 Technical characteristics

1 插芯 Inserts		2 插针 Contacts	
接插件针数 Inserts Number of contacts	4/0,4/2,4/8+PE	电源针 Power contacts	
依据 EN 61984 的电气数据 Electrical data		材料 Material	铜合金 Copper alloy
电源区 Power area		表面处理 Surface	镀银 Hard-silver plated
- 额定电流 Rated current	80A	接触电阻 Contact resistance	≤ 0.3 mΩ
- 额定电压 Rated voltage	830V	螺钉连接 Screw terminal	
- 额定脉冲电压 Rated impulse voltage	8kV	-mm ²	1.5-16 mm ²
- 污染程度 Pollution degree	3	-AWG	16-6
- 当污染程度 2 时的参数 Pollution degree 2 also	80A 1000V 8kV 2	- 拧紧力矩 Tightening torque	
信号区 Signal area		-mm ²	1.5 2.5 4 6 10 16
- 额定电流 Rated current	16A	-N.m	1.2 2 3 3 3 3
- 额定电压 Rated voltage	400V	- 剥线长度 Stripping length	14mm
- 额定脉冲电压 Rated impulse voltage	6kV	信号针 Signal contacts	
- 污染程度 Pollution degree	3	材料 Material	铜合金 Copper alloy
- 当污染程度 2 时的参数 Pollution degree 2 also 依据	16A 400V/690V 6kV 2	表面处理 Surface	镀银 Hard-silver plated
UL/CSA 额定电压 Rated voltage	600V/300V	接触电阻 Contact resistance	≤ 1 mΩ
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω	螺钉连接 Screw terminal	
材料 Material	聚碳酸酯 Polycarbonate	-mm ²	0.5-2.5 mm ²
工作温度范围 Limiting temperatures	-40℃ ...+125℃	-AWG	20-14
阻燃等级 Flammability acc. to (UL94)	V0	- 拧紧力矩 Tightening torque	0.5 Nm
可拔插次数 Mating cycles	≥ 500	- 剥线长度 Stripping length	7.5mm



HK 接插体

产品系列 Series	HTK					
针数 Number of contacts	3/0 + ⊕	3/2 + ⊕				
接线方式 Termination terminal	轴向螺栓压接 Axial screw terminal					
	M	F				
额定电流 Rated current			200 A			
额定电压 Rated voltage			1150 V / 2000 V			
线规 Wire gauge			详见下面技术参数			
适配外壳 Size			HBPR			
公接插针 Male insert (M)	HTK-3/0-M	1280032611	HTK-3/2-M	1280052611		
母接插针 Female insert (F)	HTK-3/0-F	1280032711	HTK-3/2-F	1280052711		

技术参数 Technical characteristics

1 插芯 Inserts		2 插针 Contacts	
接插件针数 Inserts Number of contacts	3/0+PE,3/2+PE	材料 Material	铜合金 Copper alloy
依据 DIN EN 61984 的电气数据 Electrical data		表面处理 Surface	镀银 Hard-silver plated
电源区 Power area		接触电阻 Contact resistance	≤ 0.2 mΩ
- 额定电流 Rated current	200A	电缆绞线依据 IEC 60 228-5	
- 额定电压 Rated voltage	1150V / 2000V	轴向螺栓连接 Axial screw terminal	
- 额定脉冲电压 Rated impulse voltage	8kV	强电针	
- 污染程度 Pollution degree	3	- 导线截面	35-70 mm ²
- 污染程度 2 时的参数 Pollution degree 2 also	200A 2000V 12kV 2	- AWG	2-00
信号区 Signal area		- 内六角扳手	SW5
- 额定电流 Rated current	16A	- 剥线长度	22mm
- 额定电压 Rated voltage	400V	- 拧紧力矩	mm ² 35 50 70
- 额定脉冲电压 Rated impulse voltage	6kV	- N.m	8 9 10
- 污染程度 Pollution degree	3	接地针	
- 污染程度 2 时的参数 Pollution degree 2 also	16A 500V 6kV 2	- 导线截面	16-35 mm ²
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω	- AWG	5-2
材料 Material	聚碳酸酯 Polycarbonate	- 内六角扳手	SW4
工作温度范围 Limiting temperatures	-40℃ ...+125℃	- 剥线长度	14mm
依据 UL/CSA 额定电压 Rated voltage	V0	- 拧紧力矩	6 N.m
可拔插次数 Mating cycles	≥ 500	信号针 (仅 HK-003/2) Signal contacts	
		- 横截面	2.5 mm ²
		- AWG	14
		- 剥线长度	7mm
		- 拧紧力矩	0.5 N.m

HK 组合型大电流接插体 HIGH CURRENT CONNECTORS

产品系列 Series	HK					
针数 Number of contacts	8/24 + ⊕		6/36 + ⊕		12/2 + ⊕	
接线方式 Termination terminal	冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
						
	M	F	M	F	M	F
额定电流 Rated current	16A/10A		40A/10A		40A/10A	
额定电压 Rated voltage	400V/160V		690V/160V		690V/250V	
线规 Wire gauge	0.5-4.0 mm ² / 0.14-2.5 mm ²		1.5-6.0 mm ² / 0.14-2.5 mm ²		1.5-6.0 mm ² / 0.14-2.5 mm ²	
适配外壳 Size	H10B		H16B		H16B	
公接插针 Male insert (M)	HK-8/24-M	1380323001	HK-6/36-M	1380423001	HK-12/2-M	1380123001
母接插针 Female insert (F)	HK-8/24-F	1380323101	HK-6/36-F	1380423101	HK-12/2-F	1380123101

10A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银 / 金

Material: Copper, hard silver / gold plated

接触电阻 Contact resistance: ≤ 3mΩ

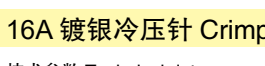
接线形式: 冷压接线

Termination methods: Crimp connection

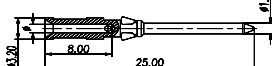
CDM



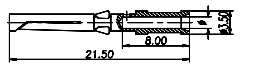
CDF



10A 公插针 Male



10A 母插针 Female



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	8.0mm	CDM-0.37	3150006104	CDF-0.37	3150006204
0.5	AWG20	8.0mm	CDM-0.5	3150006103	CDF-0.5	3150006203
0.75	AWG18	8.0mm	CDM-0.75	3150006105	CDF-0.75	3150006205
1.0	AWG18	8.0mm	CDM-1.0	3150006102	CDF-1.0	3150006202
1.5	AWG16	8.0mm	CDM-1.5	3150006101	CDF-1.5	3150006201
2.5	AWG14	8.0mm	CDM-2.5	3150006106	CDF-2.5	3150006206

16A 镀银冷压针 Crimp contacts, silver-plated

技术参数 Technical data

材质: 铜镀银

Material: Copper, hard silver

接触电阻 Contact resistance: ≤ 1mΩ

接线形式: 冷压接线

Termination methods: Crimp connection

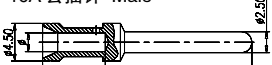
CEM



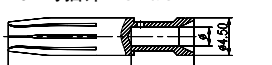
CEF



16A 公插针 Male



16A 母插针 Female



线径 (mm ²) Wire gauge	接线长度 Stripping length	公接插针 Male insert 型号 Type	公接插针 Male insert 订货号 Part No.	母接插针 Female insert 型号 Type	母接插针 Female insert 订货号 Part No.	
0.14-0.37	AWG26-22	7.5mm	CEM-0.37	3330006127	CEF-0.37	3330006227
0.5	AWG20	7.5mm	CEM-0.5	3330006121	CEF-0.5	3330006221
0.75	AWG18	7.5mm	CEM-0.75	3330006114	CEF-0.75	3330006214
1.0	AWG18	7.5mm	CEM-1.0	3330006105	CEF-1.0	3330006205
1.5	AWG16	7.5mm	CEM-1.5	3330006104	CEF-1.5	3330006204
2.5	AWG14	7.5mm	CEM-2.5	3330006102	CEF-2.5	3330006202
4.0	AWG12	7.5mm	CEM-4.0	3330006107	CEF-4.0	3330006207

40A 插针 Contacts

技术参数 Technical data

材质: 铜镀银 / 金

Material: Copper, hard silver / gold plated

接触电阻 Contact resistance: ≤ 4mΩ

接线形式: 冷压接线

Termination methods: Crimp connection

CMM



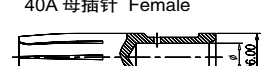
CMF



40A 公插针 Male



40A 母插针 Female



线径 (mm ²) Wire gauge	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	镀银冷压针 Crimp contacts, silver-plated 订货号 Part No.	
1.5	AWG16	8.0mm	CMM-1.5	3320006104
2.5	AWG14	8.0mm	CMM-2.5	3320006105
4.0	AWG12	8.0mm	CMM-4.0	3320006107
6.0	AWG10	8.0mm	CMM-6.0	3320006108
10.0	AWG7	8.0mm	CMM-10	3320006109

线径 (mm ²) Wire gauge	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	镀银冷压针 Crimp contacts, silver-plated 订货号 Part No.	
1.5	AWG16	8.0mm	CMF-1.5	3320006204
2.5	AWG14	8.0mm	CMF-2.5	3320006205
4.0	AWG12	8.0mm	CMF-4.0	3320006207
6.0	AWG10	8.0mm	CMF-6.0	3320006208
10.0	AWG7	8.0mm	CMF-10	3320006209

技术参数 Technical characteristics

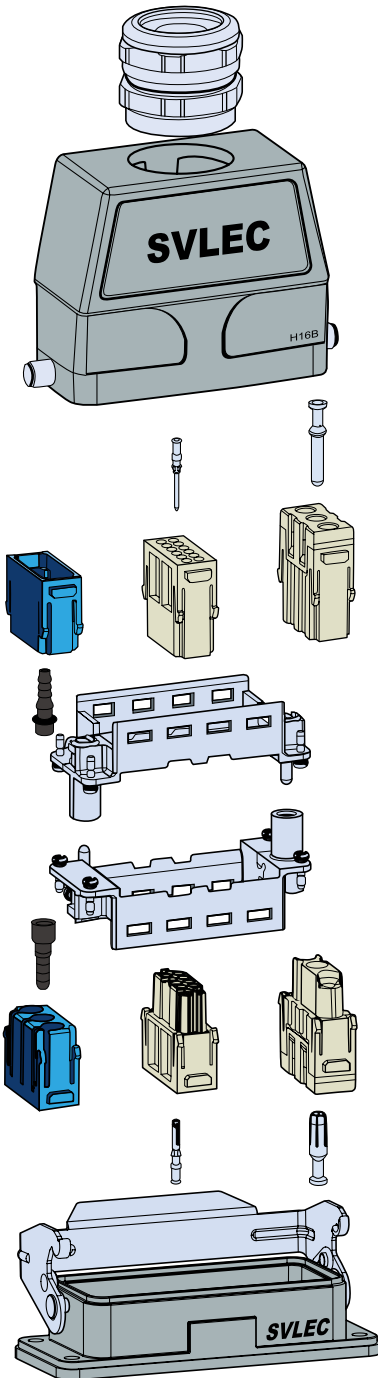
1 插芯 Inserts

信号区 Signal area	
- 额定电流 Rated current	10A
- 额定电压 Rated voltage	160V
- 额定脉冲电压 Rated impulse voltage	2.5kV
- 污染程度 Pollution degree	3
依据 UL/CSA 额定电压 Rated voltage	600V/300V
绝缘电阻 Insulation resistance	≥10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40℃ ...+125℃
阻燃等级 Flammability acc. to (UL94)	V0
可接插次数 Mating cycles	≥ 500

2 插针 Contacts

电源针 Power 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	≤ 1 mΩ
信号针 Signal 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	≤ 3 mΩ

组合模块安装示意图
Assembly details



组合模块产品系列具有一种全新的连接系统，能够满足用户的各种要求。通过与用户的紧密合作开发出一种模块化安装的连接体。它可以根据使用条件，由不同的基本模块组装而成。所以，组合模块是对产品系列保持持续的后继开发，能够将控制电路和功率电路的插针组合在一个连接器中。

兴威联模块产品系列中的单个模块允许客户将动力、光纤和气动信号集成在一起。

气动针则适合于插接液态介质。但需注意，根据 VDE 准则，电气液体不允许组合在同一个连接器中。

经实践检验的标准插针和标准外壳可继续使用在该新产品系列中。根据外壳的大小不同，它可以集成一至十二个模块。

装配时，单个的基本模块嵌入在固定框架中，它们在拆卸时也可以单独更换。

Modular units series is a new system of inserts designed to meet the specific requirements of individual customers. In close cooperation with potential users a range of modular inserts have been developed allowing the simple assembly of custom designed complete connectors which meet the diverse requirements encountered by designers today.

Modular units is a logical development of the product series which already offers the combination of power and signal circuits in one connector.

The individual modules of this series now allow the integration of electrical, optical and gaseous signal and power connections in one connector assembly.

The pneumatic contacts are also suitable for the connection of liquid media. However it must be stated that a combination of electrical and liquid connections in one connector is not allowed according to VDE regulations.

The individual contacts used in this system are all from existing well proven ranges and it is possible to use combinations of 1 to 12 modules depending on the size of the hoods and housings chosen.

The basic modules snap into a mounting frame and can be exchanged separately at any time.

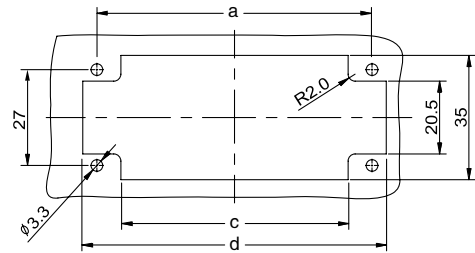
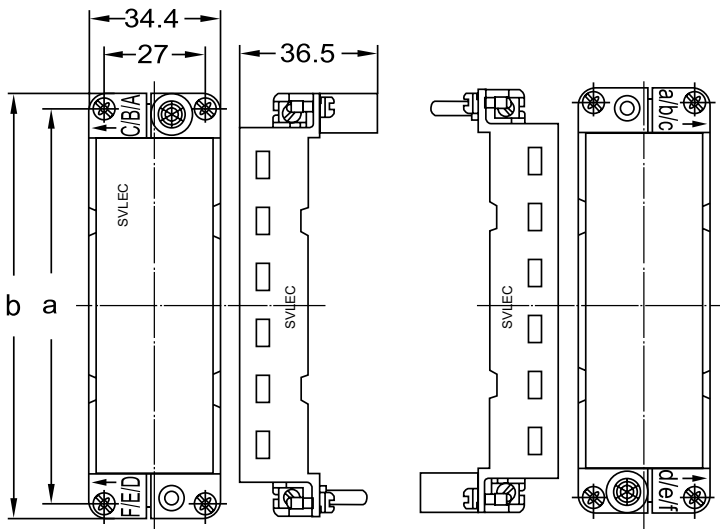
优点 Advantages :

- ◆ 可以根据专门的要求组装连接体 Custom designs can be simply assembled
- ◆ 是当前和将来任务的最佳解决方案 Optimum solutions can be reached
- ◆ 降低库存 Stock can be minimized
- ◆ 安装及拆卸时不需要专用工具 Install and remove without special tools

HM 框架 MODULAR

产品系列 Series	HM 模块对接架					
适配外壳 Size	H10A 框架, 可安装 1 个标准模块		H6B 框架, 可安装 2 个标准模块		H10B 框架, 可安装 3 个标准模块	
公接插针 Male insert (M)	H10A-T1	5140100323	H6B-T2-M	5140060303	H10B-T3-M	5140100303
母接插针 Female insert (F)			H6B-T2-F	5140060313	H10B-T3-F	5140100313

产品系列 Series	HM 模块对接架			
适配外壳 Size	H16B 框架, 可安装 4 个标准模块		H24B 框架, 可安装 6 个标准模块	
公接插针 Male insert (M)	H16B-T4-M	5140160303	H24B-T6-M	5140240303
母接插针 Female insert (F)	H16B-T4-F	5140160313	H24B-T6-F	5140240313






对应外壳 Hood/Housing	安装模块数 No. of modules	a	b	c	d
H10A	1	49.5	56.5	24	57.5
H6B	2	44	51	35	52
H10B	3	57	64.1	49	66
H16B	4	77.5	84.5	64	85.5
H24B	6	104	111	94	112

框架之间最大安装距离 Distance for electric contacts max.21mm
 对气动接插件最大安装距离 For pneumatic contacts max.20.5mm
 每套框架由一个上架和一个下架所组成 Eash frame is composed of an upper and a lower bracket

名称 Identification	规格 Size	订货号 Part No.	比例图 Drawing	尺寸: 单位 Dimensions in mm
对接架 Docking frame	H6B-ADK	5140060000		电气针和光纤针最大间距为 27 毫米, 气动针最大距离为 26.5 毫米 Distance for electrical and F.O. contacts max. 27 mm ; for pneumatic contacts max. 26.5 mm
	H10B-ADK	5140100000		
	H16B-ADK	5140160000		
	H24B-ADK	5140240000		
供货范围 Range of delivery :	1 个架子 Frame 4 个带肩平头螺栓用于固定对接架 4 Cheese head shoulder screws to fix the docking frame			

HM 模块连接器 MODULAR CONNECTORS

产品系列 Series	HM-001	HM-001C	HM-002	HM-002C
接线方式 Termination terminal	轴向压接 Axial screw terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	轴向压接 Axial screw terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)
100/200A	 M 200A F 额定电流 Rated current 200A 额定电压 Rated voltage 1000V	 M 200A F 额定电流 Rated current 200A 额定电压 Rated voltage 1000V	 M 100A F 额定电流 Rated current 100A 额定电压 Rated voltage 1000V	 M 100A F 额定电流 Rated current 100A 额定电压 Rated voltage 1000V
线规 Wire gauge	25-40 mm ²	25-70mm ²	10-25 mm ²	10-35 mm ²
公接插针 Male insert (M)	HM-001-M 5140012663	HM-001C-M 5140013001	HM-002-M 5140022653	HM-002C-M 5140023051
母接插针 Female insert (F)	HM-001-F 5140012763	HM-001C-F 5140013101	HM-002-F 5140022753	HM-002C-F 5140023151
线规 Wire gauge	40-70 mm ²		16-35 mm ²	
公接插针 Male insert (M)	HM-001-M 5140012662		HM-002-M 5140022651	
母接插针 Female insert (F)	HM-001-F 5140012762		HM-002-F 5140022751	

产品系列 Series	HM-A02	HM-A02C	HM-3/4	HM-004
接线方式 Termination terminal	轴向压接 Axial screw terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)
40/70A	 M 70A F 额定电流 Rated current 70A 额定电压 Rated voltage 1000V 线规 Wire gauge 6-16 mm ² / 14-22 mm ²	 M 70A F 额定电流 Rated current 70A 额定电压 Rated voltage 1000V 线规 Wire gauge 10-25 mm ²	 M 40A/10A F 额定电流 Rated current 40A/10A 额定电压 Rated voltage 830V 线规 Wire gauge 1.5-6.0 mm ² / 0.14-2.5 mm ²	 M 40A F 额定电流 Rated current 40A 额定电压 Rated voltage 830V 线规 Wire gauge 1.5-6.0 mm ²
公接插针 Male insert (M)	6-16mm ² HM-A02-M 5140022646	HM-A02C-M 5140023041	HM-3/4-M 5140073001	HM-004-M 5140043041
母接插针 Female insert (F)	6-16mm ² HM-A02-F 5140022741	HM-A02C-F 5140023141	HM-3/4-F 5140073101	HM-004-F 5140043141
公接插针 Male insert (M)	14-22mm ² HM-A02-M 5140022647			
母接插针 Female insert (F)	14-22mm ² HM-A02-F 5140022742			

产品系列 Series	HM-S02	HM-S02C	HM-S03	HM-003
接线方式 Termination terminal	轴向压接 Axial screw terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	轴向压接 Axial screw terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)
40A	 M 40A F 额定电流 Rated current 40A 额定电压 Rated voltage 1000V 线规 Wire gauge 2.5-10.0 mm ²	 M 40A F 额定电流 Rated current 40A 额定电压 Rated voltage 1000V 线规 Wire gauge 1.5-10.0 mm ²	 M 40A F 额定电流 Rated current 40A 额定电压 Rated voltage 690V 线规 Wire gauge 2.5-10.0 mm ²	 M 40A F 额定电流 Rated current 40A 额定电压 Rated voltage 690V 线规 Wire gauge 1.5-10.0 mm ²
线规 Wire gauge	2.5-8 mm ²		2.5-8 mm ²	
公接插针 Male insert (M)	HM-S02-M 5140022601	HM-S02C-M 5140023002	HM-S03-M 5140032601	HM-003-M 5140033001
母接插针 Female insert (F)	HM-S02-F 5140022701	HM-S02C-F 5140023102	HM-S03-F 5140032701	HM-003-F 5140033101
线规 Wire gauge	6-10 mm ²		6-10 mm ²	
公接插针 Male insert (M)	HM-S02-M 5140022602		HM-S03-M 5140032602	
母接插针 Female insert (F)	HM-S02-F 5140022702		HM-S03-F 5140032702	

产品系列 Series	HM-020	HM-F06	HM-006	HM-008
接线方式 Termination terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)
16A	 M 16A F 额定电流 Rated current 16A 额定电压 Rated voltage 500V 线规 Wire gauge 0.14-4.0 mm ²	 M 16A F 额定电流 Rated current 16A 额定电压 Rated voltage 830V 线规 Wire gauge 0.14-4.0 mm ²	 M 16A F 额定电流 Rated current 16A 额定电压 Rated voltage 500V 线规 Wire gauge 0.14-4.0 mm ²	 M 16A F 额定电流 Rated current 16A 额定电压 Rated voltage 400V 线规 Wire gauge 0.14-4.0 mm ²
公接插针 Male insert (M)	HM-020-M 5140203001	HM-F06-M 5140063041	HM-006-M 5140063001	HM-008-M 5140083001
母接插针 Female insert (F)	HM-020-F 5140203101	HM-F06-F 5140063141	HM-006-F 5140063101	HM-008-F 5140083101

HM 模块连接器 MODULAR CONNECTORS

产品系列 Series	HM-005		HM-012		HM-017		HM-025		
接线方式 Termination terminal	弹片压接 / 快速压接 Quick Lock / Cage clamp terminal		冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		
5A-16A									
额定电流 Rated current	M	16A	F	M	10A	F	M	5A	F
额定电压 Rated voltage	400V		250V		160V		50V		
线规 Wire gauge	0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-2.5 mm ²		0.08-0.52 mm ²		
公接插针 Male insert (M)	HM-005-MS	5140052616	HM-012-M	5140123001	HM-017-M	5140173001	HM-025-M	5140253001	
母接插针 Female insert (F)	HM-005-FS	5140052716	HM-012-F	5140123101	HM-017-F	5140173101	HM-025-F	5140253101	

产品系列 Series	HM-RJ45				HM-USB 2.0		HM-DM	
接线方式 Termination terminal	HM-RJ45-M	HM-RJ45-F	HM-RJ45-4/8PIN					
RJ45/USB							堵头 Dummy module 用于填充框架上空白模块位 To fill up module spaces not in use in the frame	
额定电流 Rated current	1A		50V		1A		50V	
额定电压 Rated voltage	50V		50V		50V		50V	
线规 Wire gauge	0.14-2.5 mm ²		0.14-2.5 mm ²		0.14-0.5 mm ²		0.14-0.5 mm ²	
公接插针 Male insert (M)	HM-RJ45-M	5140014632	HM-RJ45-4PIN	5454001100	HM-USB-M	5140014601	HM-DM	5140009950
母接插针 Female insert (F)	HM-RJ45-F	5140014721	HM-RJ45-8PIN	5454001520	HM-USB-F	5140014701		

产品系列 Series	HM-D Sub1		HM-D Sub2																		
接线方式 Termination terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		螺钉压接 Screw terminal (适用于 RS485 接口)		HM-D Sub2.1 接线图																
D Sub					<table border="1"> <tr><th>信号</th><th>针位</th></tr> <tr><td>A</td><td>8</td></tr> <tr><td>B</td><td>3</td></tr> </table>		信号	针位	A	8	B	3									
信号	针位																				
A	8																				
B	3																				
额定电流 Rated current	5A		5A		HM-D Sub2.2 接线图																
额定电压 Rated voltage	50V		50V		<table border="1"> <tr><th>信号</th><th>公针位</th><th>母针位</th></tr> <tr><td>1</td><td>7</td><td>8</td></tr> <tr><td>2</td><td>2</td><td>4</td></tr> <tr><td>3</td><td>4</td><td>2</td></tr> <tr><td>4</td><td>8</td><td>7</td></tr> </table>		信号	公针位	母针位	1	7	8	2	2	4	3	4	2	4	8	7
信号	公针位	母针位																			
1	7	8																			
2	2	4																			
3	4	2																			
4	8	7																			
公接插针 Male insert (M)	HM-D Sub1.1-M	5140093001	HM-D Sub2.1-M	5140093051	HM-D Sub2.2-M	5140094051															
母接插针 Female insert (F)	HM-D Sub1.1-F	5140093101	HM-D Sub2.1-F	5140093151	HM-D Sub2.2-F	5140094151															

HM 技术参数 Technical characteristics

1 插芯 Inserts

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 阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

2 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	
HM-001、HM-002、HM-003、HM-3/4、HM-004	≤ 0.3 mΩ
HM-006、HM-008、HM-020	≤ 1 mΩ
HM-012、HM-017、HM-025、HM-D Sub	≤ 3 mΩ

HM-M8		HM-M8		HM-MB		HM-CC	
冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		框架适配器 Frame adapter		线箍 Cable clamp	
Cat. 6 _a		Cat. 5 _e					
M		M		M			
F		F		F			
额定电流 Rated current: 5A 额定电压 Rated voltage: 50V		额定电流 Rated current: 10A 额定电压 Rated voltage: 50V					
屏蔽金属框含 4x2 接插件 Shielding metal frame		屏蔽金属框含 1x4 接插件 Shielding metal frame		屏蔽金属框含 2x4 接插件 Shielding metal frame		HM-CC 5-7	
HM-M8-MH	5140083011	HM-M8-M	5140083016	HM-M8-MSH	5140083216	HM-MB-MI	5140013011
HM-M8 -FH	5140083111	HM-M8 -F	5140083116	HM-M8-FSH	5140083316	HM-MB-FI	5140013111
						HM-CC 7-10	
						5030000143	
						HM-CC 10-12	
						5030000144	

HM-Q 系列技术参数 SERIES TECHNICAL PARAMETERS

产品系列 Series	HM-Q2		Quintax-001		Quintax-004		Quintax-008	
接线方式 Termination terminal	冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)		冷压针压接 Crimp terminal (冷压针请单独订购 Order crimp contacts separately)	
屏蔽模块								
	M	F	M	F	M	F	M	F
	额定电流 Rated current 额定电压 Rated voltage 线规 Wire gauge		16A 50V 0.14-4.0 mm ²		10A 50V 0.14-2.5 mm ²		5A 50V 0.08-0.52 mm ²	
公接插针 Male insert (M)	HM-Q2-M	5140023001	Quintax-001-M	5150013023	Quintax-004-M	5150043023	Quintax-008-M	5150083023
母接插针 Female insert (F)	HM-Q2-F	5140023101	Quintax-001-F	5150013123	Quintax-004-F	5150043113	Quintax-008-F	5150083113

电磁屏蔽型插芯技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	2
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℃ ...+85℃
阻燃等级 Flammability acc. to (UL94)	V0
可拔插次数 Mating cycles	≥ 500

2 Quintax 针 Contacts

针数 Number of contacts	
- E Quintax	1+ 屏蔽 Shielding
- D Quintax	4+ 屏蔽 Shielding
- A Quintax	8+ 屏蔽 Shielding
依据 EN 61 984 的电气数据 Electrical data	
-E 型 Quintax 针	16A 50V 0.8kV 3
-D 型 Quintax 针	10A 50V 0.8kV 3
-A 型 Quintax 针	5A 50V 0.8kV 3
额定电流 Rated current	16/10/5A
额定电压 Rated voltage	50V
额定脉冲电压 Rated impulse voltage	0.8kV
污染程度 Pollution degree	3
阻抗 Impedance	
-E 型 Quintax 针	50Ω
-D 型 Quintax 针	75Ω
材料 Material	
- 绝缘体 Insulator	聚碳酸酯 Polycarbonate
- 外导体 Outer conductor	锌合金 Zinc alloy
接触电阻 Contact resistance	≤ 4 mΩ
工作温度范围 Limiting temperatures	-40℃ ...+85℃
依据 UL94 的阻燃等级 Flammability acc. to UL 94	V0
外导体表面 Outer surface finish	镍 Nickel
电缆直径 Cable diameter	3-9.5 mm

3 E 型针 (16A) 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	≤ 1 mΩ
冷压连接 Crimp terminal	
-mm ²	0.14-4 mm ²
-AWG	26-12

4 D 型针 (10A) 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	≤ 3 mΩ
冷压连接 Crimp terminal	
-mm ²	0.14-2.5 mm ²
-AWG	26-14

5 A 型针 (5A) Contacts

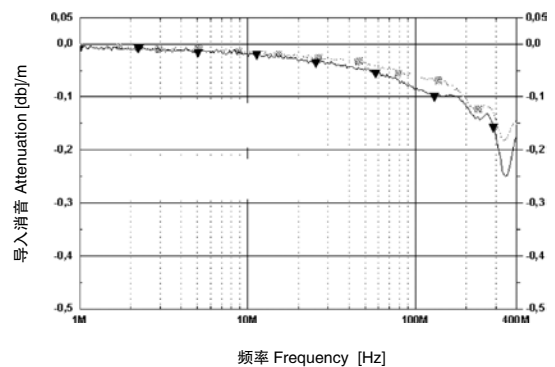
材料 Material	铜合金 Copper alloy
表面处理 Surface	镀金 Hard-gold plated
接触电阻 Contact resistance	≤ 3 mΩ
冷压连接 Crimp terminal	
-mm ²	0.09-0.52 mm ²
-AWG	28-20

特征 Features

- 模块化结构 Modular structure
- 插入外壳不会造成屏蔽中断 Insert the shielding enclosure will not break off
- 屏蔽传导与外壳电势无关
Shielding conduction has nothing to do with the shell electric potential
- 便于传输极灵敏信号 (总线信号)
To facilitate transport extremely sensitive signals (bus)

传输特性 Transmission characteristics

阻抗 Impedance 75 Ω



- 75Ω 电缆 Cable
- ▲ 75Ω 电缆带 D 型 Quintax 针 Cable with D Quintax
- ▼ 75Ω 屏蔽电缆直径 Diameter shielding: 7.3mm

阻抗 Impedance 50 Ω

E 型针带 RG 213 电缆 (2.5mm ²) E with RG 213 cable	27 MHz						
回波损耗 [db] Rreturn loss	35.4						
导入消间 [db] Attenuation	0.017						
E 型针带 RG 213 电缆 (2.5mm ²) E with RG 213 cable	200 MHz	500 MHz	1.0 MHz	1.2 MHz	1.5 MHz	2.0 MHz	2.5 MHz
回波损耗 [db] Rreturn loss	23.8	21.1	>18.7	>17.7	>16.4	>14.1	>12.0
导入消间 [db] Attenuation	0.07	0.11	0.17	0.2	<0.23	<0.53	<2.0

HM 气动模块 PNEUMATIC MODULAR

产品系列 Series	HM-PA2				HM-PA3			
适用气嘴	6.0 mm (气嘴请单独订购 Order contacts separately)				1.6; 3.0; 4.0 mm (气嘴请单独订购 Order contacts separately)			
气动模块 Pneumatic modular	模块 Module		HM-PA2 5140024501		模块 Module		HM-PA3 5140034501	
	气嘴 Pneumatic contacts (适用于软管内径 Ø6.0mm)				气嘴 Pneumatic contacts (适用于软管内径 Ø1.6-4.0mm)			
	无锁止 Without shut off (M)		Ø6.0	PENU-PA2-6.0M 5140006174		Ø1.6	PENU-PA3-1.6M 5140006151	
	无锁止 Without shut off (F)		Ø6.0	PENU-PA2-6.0F 5140006274		Ø3.0	PENU-PA3-3.0F 5140006252	
带锁止 With shut off		Ø6.0	PENU-PA2-6.0FW 5140006279		Ø4.0	PENU-PA3-4.0FW 5140006258		

HM-PA 技术参数 Technical characteristics

1 插芯 Inserts

接插件针数 Inserts Number of contacts	2、3
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40°C ...+80°C
依据 UL94 阻燃等级 Flammability	V0
可拔插次数 Mating cycles	≥ 500

2 插针 Contacts

材料 Material	聚甲醛 Delrin acetal
颜色 Colour	黑色 Black
软管连接 Tube termination	
- 内径 Internal diameter (ID)	6.0mm / 1/4"
	1.6mm / 1/16"
	3.0mm
	4.0mm / 1/8"
工作压力 Working pressure	最大 up to 8 bar / 116 psi
密封圈 Sealing	
- 材料 Material	丁晴橡胶 Buna-N
闭锁阀 Shut off valve	
- 材料 Material	聚丙烯 Polypropylen

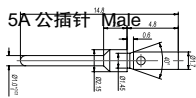
产品系列 Series	HM-PAM2				HM-PAM3			
适用气嘴	6.0 mm (气嘴请单独订购 Order contacts separately)				4.0 mm (气嘴请单独订购 Order contacts separately)			
高压气动模块 Pneumatic modular	模块 Module		HM-PAM2 5140023501		模块 Module		HM-PAM3 5140033501	
	气嘴 Pneumatic contacts (适用于软管内径 Ø6.0mm)				气嘴 Pneumatic contacts (适用于软管内径 Ø1.6-4.0mm)			
	无锁止 Without shut off (M)		Ø6.0	PENU-PAM2-6.0M 5140006306		Ø4.0	PENU-PAM3-4.0M 5140006304	
	无锁止 Without shut off (F)		Ø6.0	PENU-PAM2-6.0F 5140006406		Ø4.0	PENU-PAM3-4.0F 5140006404	
带锁止 With shut off		Ø6.0	PENU-PAM2-6.0FW 5140006416		Ø4.0	PENU-PAM3-4.0FW 5140006414		

插针 CONTACTS

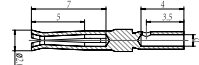
5A 插针 Contacts

技术参数 Technical data

材质: 铜镀银 / 金
 Material: Copper, hard silver / gold plated
 接触电阻 Contact resistance: $\leq 4m\Omega$
 接线形式: 冷压接线
 Termination methods: Crimp connection
 CAM



5A 母插针 Female



线径 (mm ²) Wire gauge	AWG	接线长度 Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.	镀金冷压针 Crimp contacts, gold-plated 型号 Type	订货号 Part No.
0.13-0.33mm ²	26-22	5.0mm	CAM-13	3670005566	DAM-13	3670005576
0.33-0.52mm ²	22-20	5.0mm	CAM-33	3670008566	DAM-33	3670008576

线径 (mm ²) Wire gauge	AWG	接线长度 Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.	镀金冷压针 Crimp contacts, gold-plated 型号 Type	订货号 Part No.
0.13-0.33mm ²	26-22	5.0mm	CAF-13	3670005466	DAF-13	3670005476
0.33-0.52mm ²	22-20	5.0mm	CAF-33	3670008466	DAF-33	3670008476

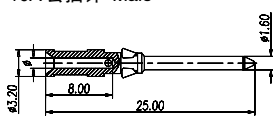
10A 插针 Contacts

技术参数 Technical data

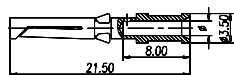
材质: 铜镀银 / 金
 Material: Copper, hard silver / gold plated
 接触电阻 Contact resistance: $\leq 3m\Omega$
 接线形式: 冷压接线
 Termination methods: Crimp connection
 CDM



10A 公插针 Male



10A 母插针 Female



线径 (mm ²) Wire gauge	AWG	接线长度 Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.	镀金冷压针 Crimp contacts, gold-plated 型号 Type	订货号 Part No.
0.14-0.37	AWG26-22	8.0mm	CDM-0.37	3150006104	DDM-0.37	3150006124
0.5	AWG20	8.0mm	CDM-0.5	3150006103	DDM-0.5	3150006123
0.75	AWG18	8.0mm	CDM-0.75	3150006105	DDM-0.75	3150006125
1.0	AWG18	8.0mm	CDM-1.0	3150006102	DDM-1.0	3150006122
1.5	AWG16	8.0mm	CDM-1.5	3150006101	DDM-1.5	3150006121
2.5	AWG14	8.0mm	CDM-2.5	3150006106	DDM-2.5	3150006126

线径 (mm ²) Wire gauge	AWG	接线长度 Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.	镀金冷压针 Crimp contacts, gold-plated 型号 Type	订货号 Part No.
0.14-0.37	AWG26-22	8.0mm	CDF-0.37	3150006204	DDF-0.37	3150006224
0.5	AWG20	8.0mm	CDF-0.5	3150006203	DDF-0.5	3150006223
0.75	AWG18	8.0mm	CDF-0.75	3150006205	DDF-0.75	3150006225
1.0	AWG18	8.0mm	CDF-1.0	3150006202	DDF-1.0	3150006222
1.5	AWG16	8.0mm	CDF-1.5	3150006201	DDF-1.5	3150006221
2.5	AWG14	8.0mm	CDF-2.5	3150006206	DDF-2.5	3150006226

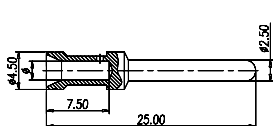
16A 插针 Contacts

技术参数 Technical data

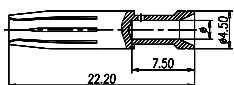
材质: 铜镀银 / 金
 Material: Copper, hard silver / gold plated
 接触电阻 Contact resistance: $\leq 1m\Omega$
 接线形式: 冷压接线
 Termination methods: Crimp connection
 CEM



16A 公插针 Male



16A 母插针 Female



线径 (mm ²) Wire gauge	AWG	接线长度 Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.	镀金冷压针 Crimp contacts, gold-plated 型号 Type	订货号 Part No.
0.14-0.37	AWG26-22	7.5mm	CEM-0.37	3330006127	DEM-0.37	3330006117
0.5	AWG20	7.5mm	CEM-0.5	3330006121	DEM-0.5	3330006122
0.75	AWG18	7.5mm	CEM-0.75	3330006114	DEM-0.75	3330006115
1.0	AWG18	7.5mm	CEM-1.0	3330006105	DEM-1.0	3330006118
1.5	AWG16	7.5mm	CEM-1.5	3330006104	DEM-1.5	3330006116
2.5	AWG14	7.5mm	CEM-2.5	3330006102	DEM-2.5	3330006123
4.0	AWG12	7.5mm	CEM-4.0	3330006107	DEM-4.0	3330006119

线径 (mm ²) Wire gauge	AWG	接线长度 Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.	镀金冷压针 Crimp contacts, gold-plated 型号 Type	订货号 Part No.
0.14-0.37	AWG26-22	7.5mm	CEF-0.37	3330006227	DEF-0.37	3330006217
0.5	AWG20	7.5mm	CEF-0.5	3330006221	DEF-0.5	3330006222
0.75	AWG18	7.5mm	CEF-0.75	3330006214	DEF-0.75	3330006215
1.0	AWG18	7.5mm	CEF-1.0	3330006205	DEF-1.0	3330006218
1.5	AWG16	7.5mm	CEF-1.5	3330006204	DEF-1.5	3330006216
2.5	AWG14	7.5mm	CEF-2.5	3330006202	DEF-2.5	3330006223
4.0	AWG12	7.5mm	CEF-4.0	3330006207	DEF-4.0	3330006219

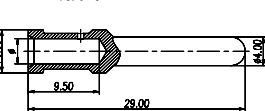
40A 插针 Contacts

技术参数 Technical data

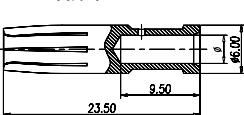
材质: 铜镀银 / 金
 Material: Copper, hard silver / gold plated
 接触电阻 Contact resistance: $\leq 4m\Omega$
 接线形式: 冷压接线
 Termination methods: Crimp connection
 CMM



40A 公插针 Male



40A 母插针 Female



线径 (mm ²) Wire gauge	AWG	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
1.5	AWG16	8.0mm	CMM-1.5	3320006104
2.5	AWG14	8.0mm	CMM-2.5	3320006105
4.0	AWG12	8.0mm	CMM-4.0	3320006107
6.0	AWG10	8.0mm	CMM-6.0	3320006108
10.0	AWG7	8.0mm	CMM-10	3320006109

线径 (mm ²) Wire gauge	AWG	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
1.5	AWG16	8.0mm	CMF-1.5	3320006204
2.5	AWG14	8.0mm	CMF-2.5	3320006205
4.0	AWG12	8.0mm	CMF-4.0	3320006207
6.0	AWG10	8.0mm	CMF-6.0	3320006208
10.0	AWG7	8.0mm	CMF-10	3320006209

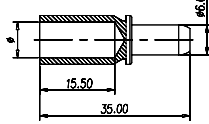
插针 CONTACTS

70A 插针 Contacts

技术参数 Technical data

材质: 铜镀银 / 金
Material: Copper, hard silver / gold plated
接触电阻 Contact resistance: $\leq 1\text{ m}\Omega$
接线形式: 冷压接线
Termination methods: Crimp connection

70A 公插针 Male



线径 (mm ²) Wire gauge	Ø	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
10	4.3	15.5	CKM-10	3110006131
16	5.5	15.5	CKM-16	3110006132
25	7.0	15.5	CKM-25	3110006133

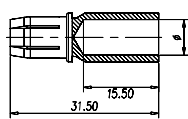
CKM



CKF



70A 母插针 Female



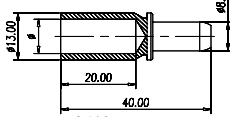
线径 (mm ²) Wire gauge	Ø	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
10	4.3	15.5	CKF-10	3110006231
16	5.5	15.5	CKF-16	3110006232
25	7.0	15.5	CKF-25	3110006233

100A 插针 Contacts

技术参数 Technical data

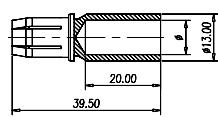
材质: 铜镀银 / 金
Material: Copper, hard silver / gold plated
接触电阻 Contact resistance: $\leq 1\text{ m}\Omega$
接线形式: 冷压接线
Termination methods: Crimp connection
CNM

100A 公插针 Male



线径 (mm ²) Wire gauge	Ø	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
10	4.3	19	CNM-10	3110006114
16	5.5	19	CNM-16	3110006116
25	7	19	CNM-25	3110006125
35	8.2	19	CNM-35	3110006135

100A 母插针 Female



线径 (mm ²) Wire gauge	Ø	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
10	4.3	19	CNF-10	3110006214
16	5.5	19	CNF-16	3110006216
25	7	19	CNF-25	3110006225
35	8.2	19	CNF-35	3110006235

CNF



CNF

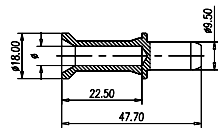


200A 插针 Contacts

技术参数 Technical data

材质: 铜镀银 / 金
Material: Copper, hard silver / gold plated
接触电阻 Contact resistance: $\leq 4\text{ m}\Omega$
接线形式: 冷压接线
Termination methods: Crimp connection
CHM

200A 公插针 Male



线径 (mm ²) Wire gauge	Ø	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
25	7	22.5	CHM-25	3110006120
35	8.2	22.5	CHM-35	3110006121
50	10	22.5	CHM-50	3110006122
70	11.5	22.5	CHM-70	3110006123

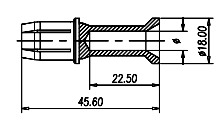
CHM



CHF




200A 母插针 Female



线径 (mm ²) Wire gauge	Ø	接线长度 (mm) Stripping length	镀银冷压针 Crimp contacts, silver-plated 型号 Type	订货号 Part No.
25	7	22.5	CHF-25	3110006220
35	8.2	22.5	CHF-35	3110006221
50	10	22.5	CHF-50	3110006222
70	11.5	22.5	CHF-70	3110006223

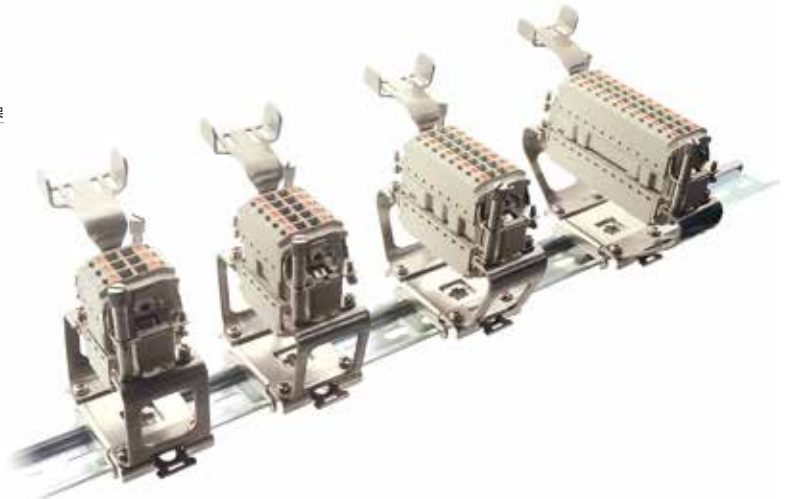
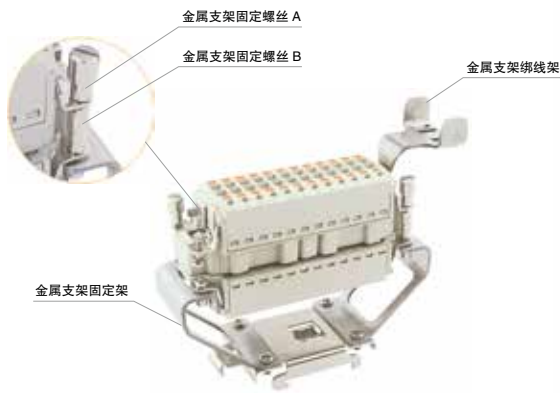
<p>压线钳 Crimping tool 线规 Wire gage: 0.5-4.0mm² 用于 For HD/HDD/HEE/HK/HM 接插件 Inserts</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>钳口月牙形 Jaw crescent</p> </div> <div style="text-align: center;">  <p>钳口六边形 Jaw hexagonal</p> </div> </div>  <p style="text-align: center;">可根据需求选购钳口形状 According to the demand of choose and buy jaw shape</p> <p>订货号 Part No. 600001001</p>	<p>压线钳 Crimping tool (钳口六边形 Jaw hexagonal) 线规 Wire gage: 6.0-10.0mm² 用于 For HD/HDD/HEE/HK/HM 接插件 Inserts</p> <div style="display: flex; justify-content: space-around;">   </div> <p>订货号 Part No. 600001002</p>
--	--

<p>压线钳 Crimping tool 用于 For D-Sub 针系列 Crimp contacts series 用于 For 5A 接插件 Inserts</p>  <p>订货号 Part No. 999991</p>	
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<p>退针器 Removal tool 用于 For HEE 系列 Series</p>  <p>订货号 Part No. 600002001</p>	<p>退针器 Removal tool 用于 For HEEE 系列 Series</p>  <p>订货号 Part No. 600002002</p>	<p>退针器 Removal tool 用于 For CMM/CMF 系列 Series</p>  <p>订货号 Part No. 600002003</p>
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<p>退针器 Removal tool 用于 For D-Sub 针系列 Crimp contacts series 用于 For 5A 接插件 Inserts</p>  <p>订货号 Part No. 600002004</p>	<p>退针器 Removal tool 用于 For D-Sub 针系列 Crimp contacts series 用于 For 5A 接插件 Inserts 经济型</p>  <p>订货号 Part No. 600002004T</p>	<p>退针器 Removal tool 用于 For HD/HDD 系列 Series</p>  <p>订货号 Part No. 600003001</p>
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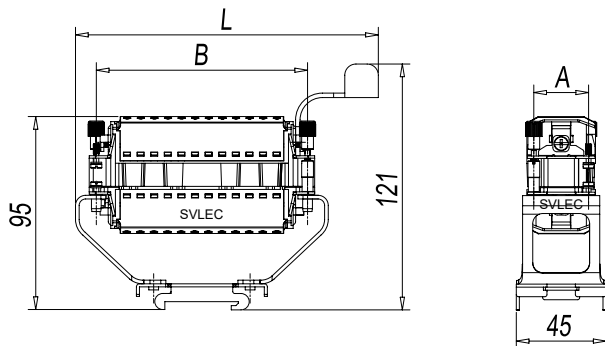
芯件导轨安装金属支架 INSERT RAIL MOUNTING ELEMENT



不含芯子	型号 Type	订货号 Part No.
柜内导轨安装金属支架 6B	SNAP-6B-S	2330000006
柜内导轨安装金属支架 10B	SNAP-10B-S	2330000010
柜内导轨安装金属支架 16B	SNAP-16B-S	2330000016
柜内导轨安装金属支架 24B	SNAP-24B-S	2330000024

系列	型号 Type	订货号 Part No.	型号 Type	订货号 Part No.	型号 Type	订货号 Part No.	型号 Type	订货号 Part No.
HE 16A 500V 6、10、16、24 芯	SNAP-HE-006-6B	2330000606	SNAP-HE-010-10B	2330001010	SNAP-HE-016-16B	2330001616	SNAP-HE-024-24B	2330002424
HESH 16A 500V 6、10、16、24 芯	SNAP-HESH-006-6B	2330010606	SNAP-HESH-010-10B	2330011010	SNAP-HESH-016-16B	2330011616	SNAP-HESH-024-24B	2330012424
HEC 16A 500V 6、10、16、24 芯	SNAP-HEC-006-6B	2330020606	SNAP-HEC-010-10B	2330021010	SNAP-HEC-016-16B	2330021616	SNAP-HEC-024-24B	2330022424
HEE 16A 500V 10、18、32、46 芯	SNAP-HEE-010-6B	2320001006	SNAP-HEE-018-10B	2320001810	SNAP-HEE-032-16B	2320003216	SNAP-HEE-046-24B	2320004624
HEEE 16A 400V 64、72 芯	/	/	/	/	SNAP-HEEE-064-16B	2320006416	SNAP-HEEE-072-24B	2320007224
HD 10A 250V 40、64 芯	/	/	/	/	SNAP-HD-040-16B	2210004016	SNAP-HD-064-24B	2210006424
HDD 10A 250V 24、42、72、108 芯	SNAP-HDD-024-6B	2160002406	SNAP-HDD-042-10B	2160004210	SNAP-HDD-072-16B	2160007216	SNAP-HDD-108-24B	2160010824
HSB 35A 690V 6 芯	/	/	/	/	SNAP-HSB-006-16B	2310000616	/	/

尺寸图 Dimension

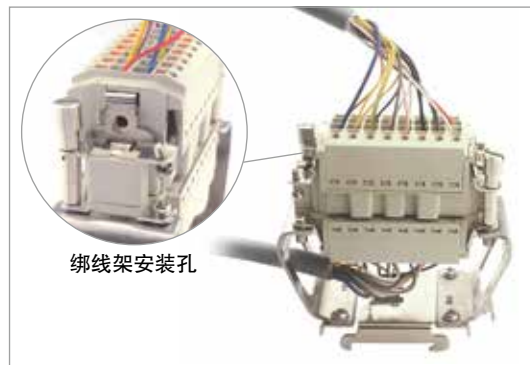


支架型号	L (mm)	A (mm)	B (mm)
SNAP-6B-S	89	27	44
SNAP-10B-S	102	27	57
SNAP-16B-S	122	27	77.5
SNAP-24B-S	149	27	104

金属导轨安装支架步骤



1: 导轨支架



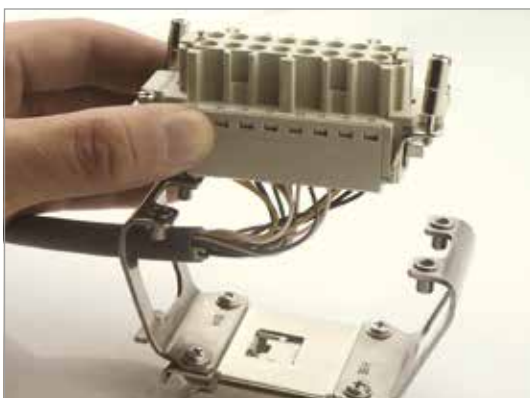
5: 插入公插。



2: 穿线



6: 安装绑线架



3: 母接插件装相应线束



7: 卡入导轨



4: 装入导轨支架，锁紧螺丝。




8: 完成安装

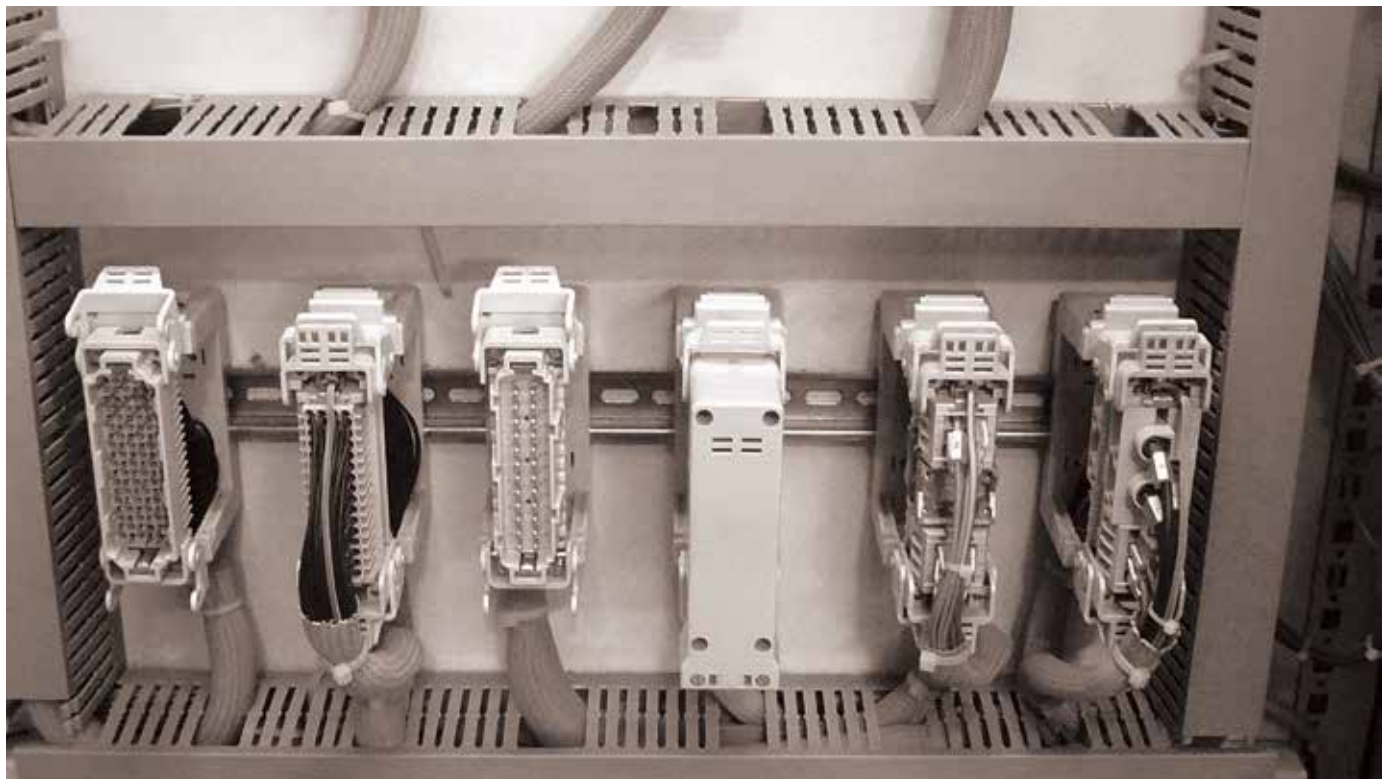
芯件导轨安装支架 INSERT RAIL MOUNTING ELEMENT



导轨安装支架套件 Insert mounting with carrier element

套件包括：导轨安装底座及上部固定架 Set include: Top and base frame

	型号 Type	订货号 Part No.		型号 Type	订货号 Part No.
上 Top  内部接插件需单独订购 Internal connectors should be ordered separately	SPSB-TOP-6B	2330009927	 内部接插件需单独订购 Internal connectors should be ordered separately	SNAP-6B	2330009991
	SPSB-TOP-10B	2330009947		SNAP-10B	2330009993
	SPSB-TOP-16B	2330009967		SNAP-16B	2330009995
	SPSB-TOP-24B	2330009987		SNAP-24B	2330009997
下 Base 标准 standard  内部接插件需单独订购 Internal connectors should be ordered separately	SPSB-BASE-6B	2330009806			
	SPSB-BASE-10B	2330009810			
	SPSB-BASE-16B	2330009816			
	SPSB-BASE-24B	2330009824			



导轨支架

安装附件 INSTALLATION ELEMENTS

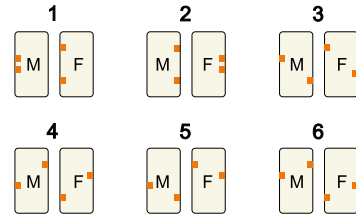
编码销系列 Coding element series (导向销 with guide pins)

编码块 Encoding profile

防插错编码块，最多可编码区分 6 个相同位数的连接器
适用于 for 16、24 芯



订货号 Part No. 1300009900



编码销 / 导向销 (单个使用)
Standard code pin

编码销应在插头和插座中对应使用，编码形式如下图
For hood / housing with one insert / one frame

标准 Standard

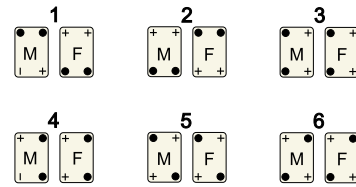
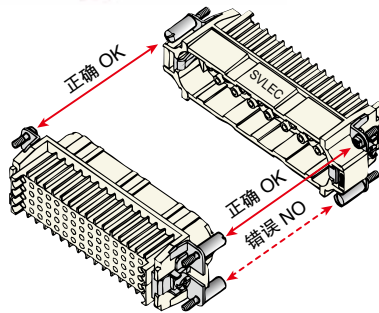
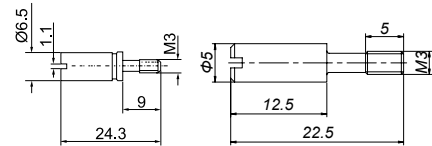


模块专用 Module is special



标准 Standard: 1300009901

模块专用 Module is special: 1300009902



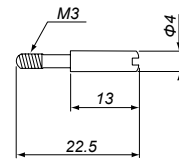
编码销 / 导向销 (带导向孔)

Standard code pin (with guide pins)

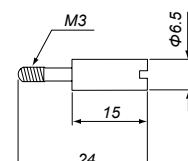


编码销 M

编码销 F



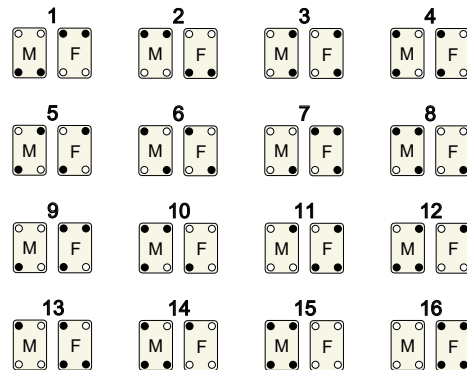
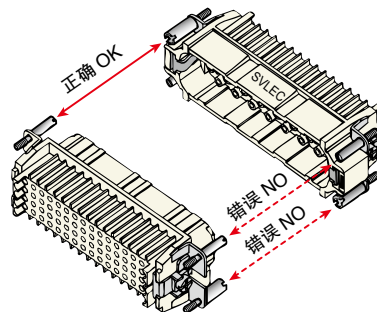
编码销 M



编码销 F

编码销 M 1300009908

编码销 F 1300009909



3A 塑料外壳 IP65

材料 Material	聚碳酸酯 Polycarbonate
颜色 Colour	浅灰色 Light grey (RAL 7032)
联锁组件 Locking element	
- 联锁方式 Locking	塑料弹性压合 Plastic elastic pressing
- 材料 Material	聚酰胺 Polyamide
密封元件 Seal	NBR
适用温度范围 Limiting temperatures	-40°C ...+125°C
阻燃等级 Flammability	V0
防护等级 Protection degree(联锁状态, EN60529)	IP65

3A 金属外壳 IP65

材料 Material	铸锌 Zinc die-cast
颜色 Colour	灰色 Grey
联锁组件 Locking element	
- 联锁方式 Locking	塑料弹性压合 Plastic elastic pressing
- 材料 Material	金属 (铁) 镀锌 Metal (iron) zinc-plated
密封元件 Seal	NBR
适用温度范围 Limiting temperatures	-40°C ...+125°C
阻燃等级 Flammability	V0
防护等级 Protection degree(联锁状态, EN60529)	IP65

3A 高防护外壳 IP68

表面处理 Surface	喷涂 / 镀铬 Epoxy powder paint / chromated
材料 Material	铸锌 Zinc die-cast
颜色 Colour	黑色 Black / 灰色 grey
联锁组件 Locking element	
- 联锁方式 Locking	螺栓连接 Screw terminal
- 材料 Material	不锈钢 Stainless steel
密封元件 Seal	NBR
适用温度范围 Limiting temperatures	-40°C ...+125°C
阻燃等级 Flammability	V0
防护等级 Protection degree(联锁状态, EN60529)	IP68

EMC 电磁兼容外壳 IP65

材料 Material	铸锌 Zinc die-cast
颜色 Colour	
联锁组件 Locking element	
- 联锁方式 Locking	塑料弹性压合 / 螺栓连接
- 材料 Material	不锈钢 Stainless steel
密封元件 Seal	NBR
适用温度范围 Limiting temperatures	-40°C ...+125°C
阻燃等级 Flammability	V0
防护等级 Protection degree(联锁状态, EN60529)	IP65

金属外壳 IP65

材料 Material	铸铝 Aluminium die-cast
颜色 Colour	灰色 Grey
联锁组件 Locking element	
- 联锁方式 Locking	金属弹性压合 Metal elastic pressing
- 材料 Material	不锈钢 Stainless steel
密封元件 Seal	NBR
适用温度范围 Limiting temperatures	-40°C ...+125°C
阻燃等级 Flammability	V0
防护等级 Protection degree(联锁状态, EN60529)	IP65

高防护外壳 IP68

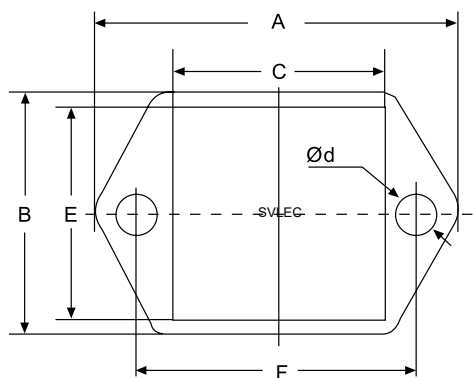
材料 Material	铸铝合金 Aluminium die-cast
颜色 Colour	黑色或灰色 Black or grey
联锁组件 Locking element	
- 联锁方式 Locking	螺栓连接 Screw terminal
- 材料 Material	不锈钢 Stainless steel
密封元件 Seal	NBR
适用温度范围 Limiting temperatures	-40°C ...+125°C
阻燃等级 Flammability	V0
防护等级 Protection degree(联锁状态, EN60529)	IP68

不锈钢盖板

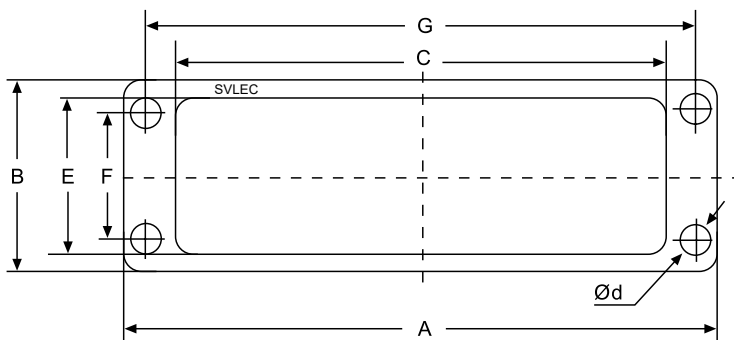
	型号 Type	订货号 Part No.
	H3A-AG-C	FJ0115-1
	H16A-AG-C	FJ0114-1
	H6B-AG-C	FJ0110-1

	型号 Type	订货号 Part No.
	H10B-AG-C	FJ0111-1
	H16B-AG-C	FJ0112-1
	H24B-AG-C	FJ0113-1

外壳安装及开孔尺寸 HOUSINGS MOUNTING DIMENSIONS



H3A 开孔底座 housing




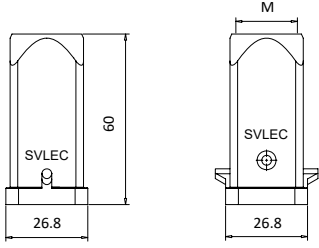

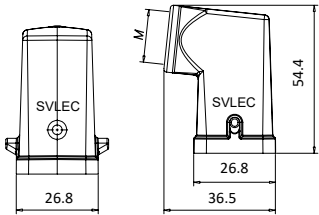

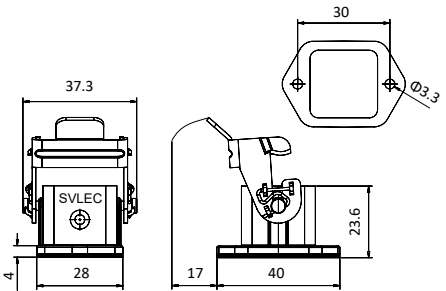

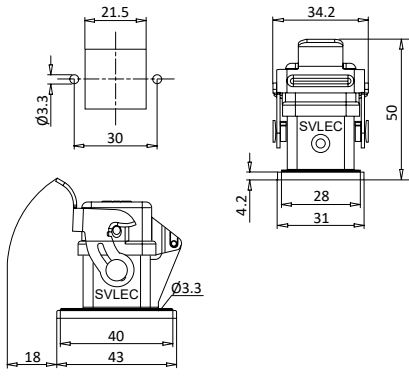

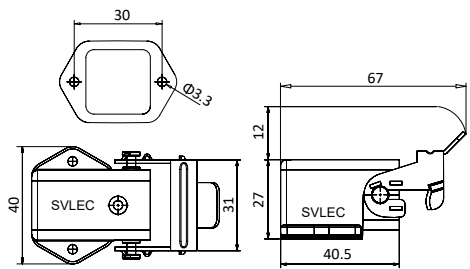
H10A, H16A, H32A 开孔底座 series housings
H6B, H10B, H16B, H24B, H32B, H48B 开孔底座 series housings

插座外壳型号 Housing type	安装形式 Mounting type	尺寸 dimensions (mm)						
		A	B	C	E	F	G	Ød
H3A	开孔安装 Bulkhead	40	28	21.5	21.5	30	-	3.3
	表面安装 Surface	40	28	-	-	30	-	3.3
H10A	开孔安装 Bulkhead	81	29.5	57.5	24	17.5	70	3.6
	表面安装 Surface	80	50	-	-	40	48	4.5
H16A	开孔安装 Bulkhead	96	29.5	73.7	24	17.5	86	3.6
	表面安装 Surface	80	50	-	-	40	64	4.5
H32A	开孔安装 Bulkhead	102	56	74.2	48.4	42	92	4.3
	表面安装 Surface	106	57	-	-	46	94	5.5
H6B	开孔安装 Bulkhead	80	43	52.2	35	32	70	4.3
	表面安装低结构 Surface	82	52	-	-	40	70	5.5
	表面安装高结构 Surface	82	57	-	-	45	70	5.5
H10B	开孔安装 Bulkhead	93	43	65.2	35	32	83	4.3
	表面安装低结构 Surface	94	52	-	-	40	82	5.5
	表面安装高结构 Surface	94	57	-	-	45	82	5.5
H16B	开孔安装 Bulkhead	113	43	85.5	35	32	103	4.3
	表面安装 Surface	117	57	-	-	45	105	5.5
H24B	开孔安装 Bulkhead	140	43	112.2	35	32	130	4.3
	表面安装 Surface	144	57	-	-	45	132	5.5
H32B	开孔安装 Bulkhead	124	79	85.5	71	65	110	5.5
	表面安装 Surface	124.5	81	-	-	67	112	5.5
H48B	开孔安装 Bulkhead	165	90	124	82	70	148	7
	表面安装 Surface	132	120	-	-	106	111	6.5

H3A 金属防护外壳 HOODS / HOUSINGS SERIES

外壳包含金属外壳和塑料外壳 Include metal and plastic shells

锁扣有金属锁扣、塑料锁扣、不锈钢锁扣可选 Levers include metal, plastic and stainless steel


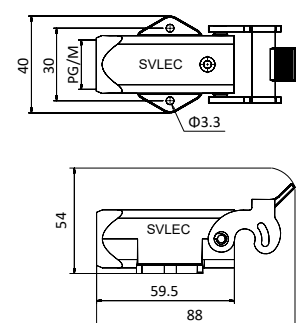

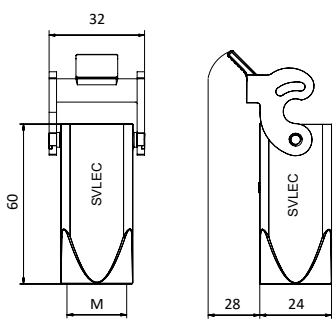

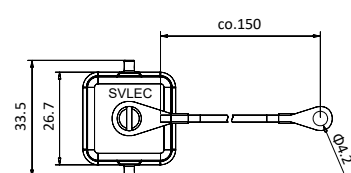
金属外壳 Metal hoods/housings	型号 Type	订货号 Part No.	M 制 Metr.	比例图 Drawing	尺寸: 单位 Dimensions in mm
上壳 顶部进线 Top entry 	H3A-MTG-M20	2200031440	20		
上壳 侧面进线 Side entry 	H3A-MTS-M20	2200031640	20		
下壳 开孔安装 Bulkhead mounting: Bottom entry 	H3A-MAG	2200030301			
下壳 开孔安装 (带盖) Bulkhead mounting: Bottom entry 	H3A-MAD	2200030306			
下壳 开孔安装 (侧出形式) Bulkhead mounting: Bottom entry 	H3A-MAGS	2200030810			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H3A 金属防护外壳 HOODS / HOUSINGS SERIES

外壳包含金属外壳和塑料外壳 Include metal and plastic shells

锁扣有金属锁扣、塑料锁扣、不锈钢锁扣可选 Levers include metal, plastic and stainless steel

金属外壳 Metal hoods/housings	型号 Type	订货号 Part No.	M 制 Metr.	比例图 Drawing	单位 Dimensions in mm
<p>下壳 表面安装 Surface mounting</p> 	H3A-MAGSV-M20	2200031252	20		
<p>下壳 电缆对接 Cable to cable hood</p> 	H3A-MTGVB-M20	2200031750	20		
<p>金属底座保护盖 Protection covers for metal housings</p>  <p>备注: 适配母插 + 下壳 Note: for female+housings</p>	H3A-KDBM	2200035425			

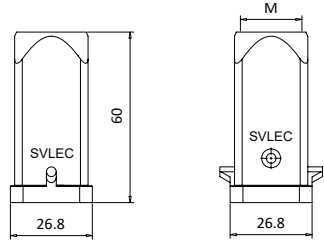
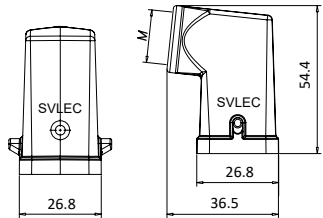
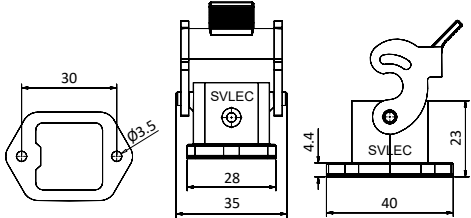
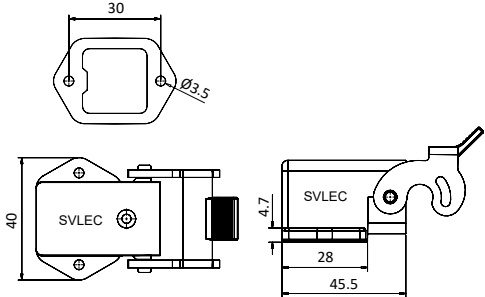
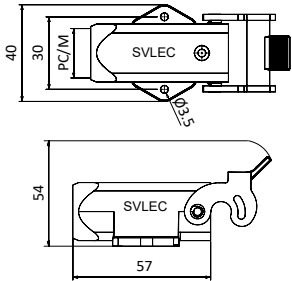
备注 Notes: 开孔尺寸图请参照 9.5.2 页



H3A 塑料防护外壳 HOODS / HOUSINGS SERIES

外壳包含金属外壳和塑料外壳 Include metal and plastic shells

锁扣有金属锁扣、塑料锁扣、不锈钢锁扣可选 Levers include metal, plastic and stainless steel


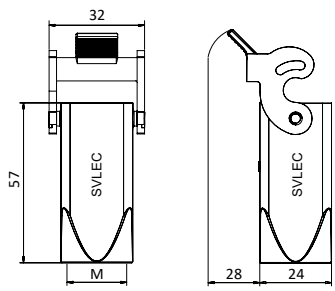

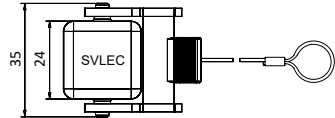


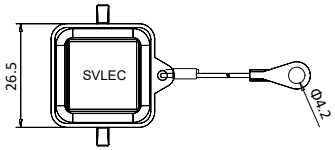
塑料外壳 Thermoplastic hoods/housings	型号 Type	订货号 Part No.	M 制 Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 顶部进线 Top entry	H3A-TG-M20	2200030420	20		
上壳 侧面进线 Side entry	H3A-TS-M20	2200030620	20		
下壳 开孔安装 Bulkhead mounting: Bottom entry	H3A-AG	2200030320		安装开口 Panel cut out 22 × 22mm 	
下壳 开孔安装 (侧出形式) Bulkhead mounting: Bottom entry	H3A-AGS	2200030820			
下壳 表面安装 (侧出形式) Surface mounting: Side entry	H3A-AGSV-M20	2200030220	20		

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H3A 塑料防护外壳 HOODS / HOUSINGS SERIES

外壳包含金属外壳和塑料外壳 Include metal and plastic shells


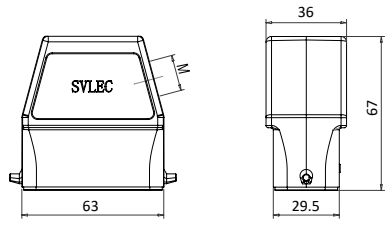

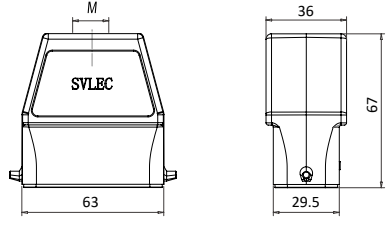

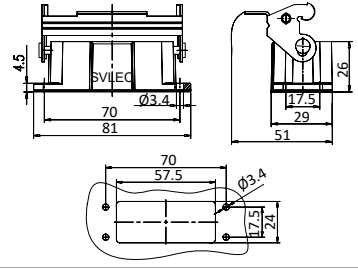

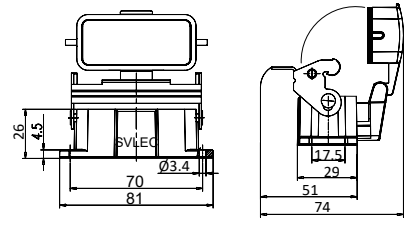

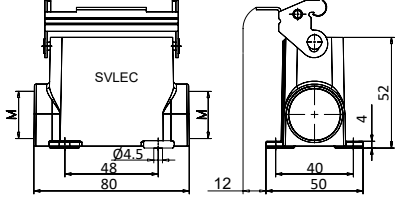

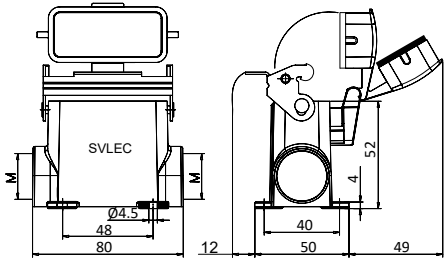
锁扣有金属锁扣、塑料锁扣、不锈钢锁扣可选 Levers include metal, plastic and stainless steel

塑料外壳 Thermoplastic hoods/housings	型号 Type	订货号 Part No.	M 制 Metr.	比例图 Drawing	单位 Dimensions in mm
<p>下壳 电缆对接 Cable to cable hood</p> 	H3A-TGVB-M20	2200030720	20		
<p>上壳保护盖 Protection covers for hoods</p> 	H3A-KDT	2200035422			
<p>底座保护盖 Protection covers for housings</p>  <p>备注：适配公插 + 下壳 Note: for male+housings</p>	H3A-KDT-T	2200035447			
<p>底座保护盖 Protection covers for housings</p>  <p>备注：适配母插 + 下壳 Note: for female+housings</p>	H3A-KDB	2200035446			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H10A 防护外壳 HOODS / HOUSINGS SERIES


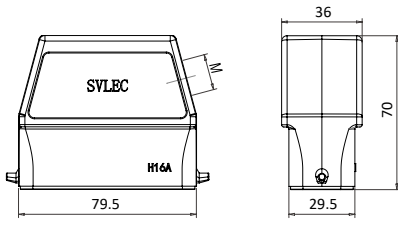

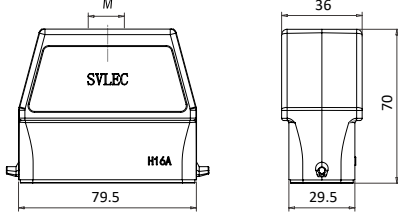

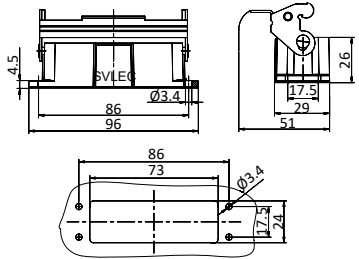

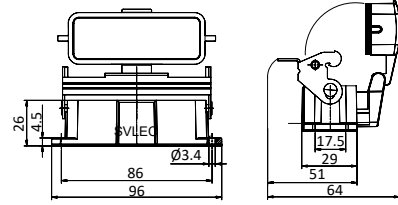

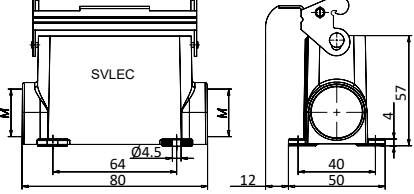

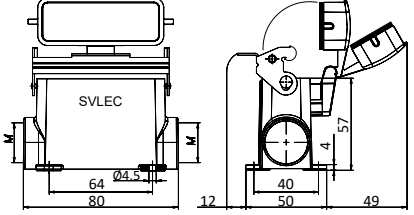
锁扣有普通金属锁扣和不锈钢锁扣可选 Include metal and stainless steel lever

金属外壳 Metal hoods/housings	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H10A-TS-M20 H10A-TS-M25	2200101540 2200100546	20 25		36 67 63 29.5
上壳 顶部进线 Top entry 	H10A-TG-M20 H10A-TG-M25	2200101440 2200101441	20 25		36 67 63 29.5
下壳 开孔安装 Housings, bulkhead mounting 	H10A-AG	2200100301			4.5 70 81 Ø3.4 26 17.5 29 51 70 57.5 Ø3.4 17.5 24
下壳 开孔安装 (带盖) Bulkhead mounting: cover 	H10A-AD	2200100321		带保护盖 With thermo cover 	26 4.5 70 81 Ø3.4 17.5 29 51 74
下壳 表面安装 Surface mounting: Side entry 	H10A-SGR-M20 H10A-SGR-M25 H10A-SGR-2M20 H10A-SGR-2M25	2200100250 2200100251 2200100290 2200100291	1×20 1×25 2×20 2×25		M M 48 80 Ø4.5 12 40 50 52 4
下壳 表面安装 (带盖) Surface mounting: Side entry (cover) 	H10A-SDR-M20 H10A-SDR-M25 H10A-SDR-2M20 H10A-SDR-2M25	2200100255 2200100256 2200100295 2200100296	1×20 1×25 2×20 2×25	带保护盖 With thermo cover 	M M 48 80 Ø4.5 12 40 50 52 49 4

备注 Notes: 开孔尺寸图请参照 9.5.2 页


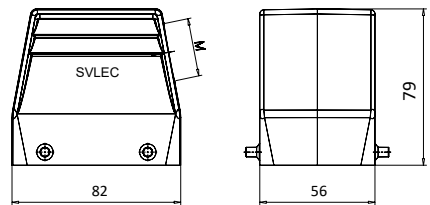

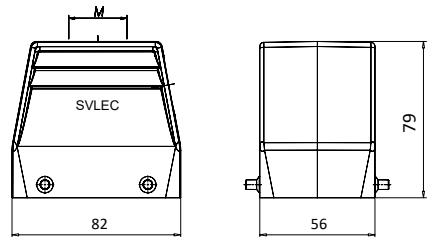

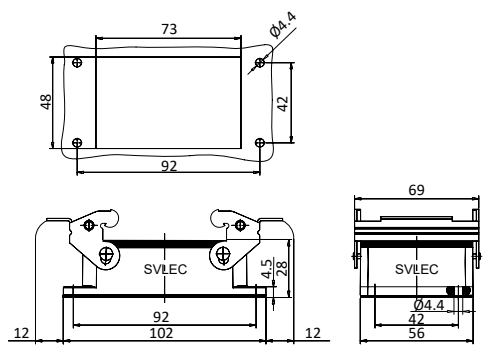

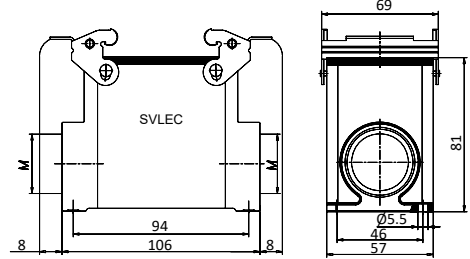

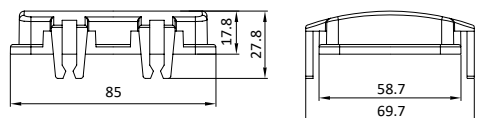
H16A 防护外壳 HOODS / HOUSINGS SERIES

锁扣有普通金属锁扣和不锈钢锁扣可选 Include metal and stainless steel lever

金属外壳 Metal hoods/housings	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H16A-TSH-M20 H16A-TSH-M25	2200161540 2200160546	20 25		
上壳 顶部进线 Top entry 	H16A-TGH-M20 H16A-TGH-M25 H16A-TGH-PG21	2200161440 2200160446 2200160411	20 25 21		
下壳 开孔安装 Housings, bulkhead mounting 	H16A-AG	2200160301			
下壳 开孔安装 (带盖) Bulkhead mounting: cover 	H16A-AD	2200160321		带保护盖 With thermo cover 	
下壳 表面安装 Surface mounting: Side entry 	H16A-SGR-M20 H16A-SGR-M25 H16A-SGR-2M20 H16A-SGR-2M25	2200160250 2200160251 2200160290 2200160291	1×20 1×25 2×20 2×25		
下壳 表面安装 (带盖) Surface mounting: Side entry (cover) 	H16A-SDR-M20 H16A-SDR-M25 H16A-SDR-2M20 H16A-SDR-2M25	2200160255 2200160256 2200160295 2200160296	1×20 1×25 2×20 2×25	带保护盖 With thermo cover 	

备注 Notes: 开孔尺寸图请参照 9.5.2 页


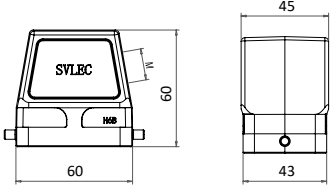

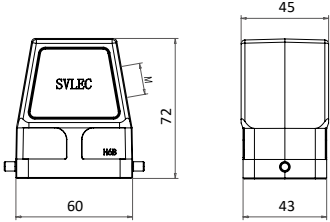

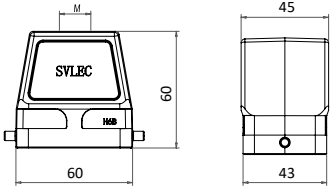

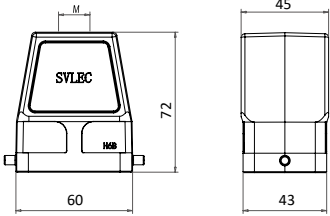

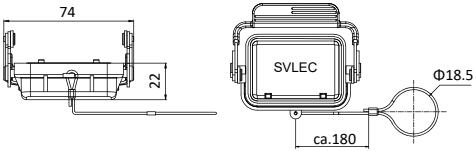
H32A 防护外壳 HOODS / HOUSINGS SERIES

金属外壳 Metal hoods/housings	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H32A-TS-M25 H32A-TS-M32	2200321521 2200320527	25 32		
上壳 顶部进线 Top entry 	H32A-TG-M25 H32A-TG-M32 H32A-TG-M40	2200320426 2200320427 2200320428	25 32 40		
上壳 开孔安装 Housings, bulkhead mounting 	H32A-AG	2200320301			
下壳 表面安装 Surface mounting: Side entry 	H32A-SGR-M25 H32A-SGR-M32 H32A-SGR-2M25 H32A-SGR-2M32	2200320231 2200320232 2200320271 2200320272	1×25 1×32 2×25 2×32		若只需一个电缆输出端时, 需另外订购封口螺栓 Blind way one cable entry, order blind separately
	H32A-KDT	2200325401			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H6B 防护外壳 HOODS / HOUSINGS SERIES

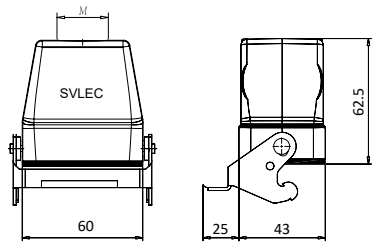
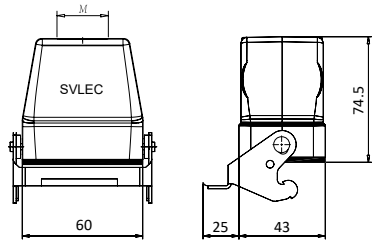
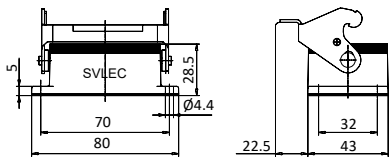
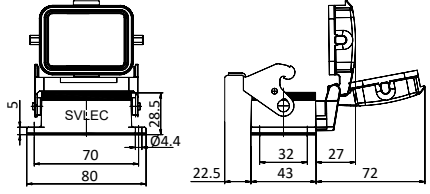
底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H6B-TS-M20 H6B-TS-M25	2300061540 2300061541	20 25		
上壳 侧面进线 高结构 Side entry 	H6B-TSH-M25 H6B-TSH-M32	2300060545 2300060546	25 32		
上壳 顶部进线 Top entry 	H6B-TG-M20 H6B-TG-M25	2300061440 2300061441	20 25		
上壳 顶部进线 高结构 Top entry 	H6B-TGH-M25 H6B-TGH-M32	2300060445 2300060446	25 32		
上壳 保护盖 Protection covers for hoods 	H6B-KDT	2300065423			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H6B 防护外壳 HOODS / HOUSINGS SERIES

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 电缆对接 Cable to cable hood	H6B-TBF-M20 H6B-TBF-M25	2300061750 2300061751	20 25		
下壳 电缆对接 高结构 Cable to cable hood	H6B-TBFH-M32 H6B-TBFH-M40	2300060756 2300060757	32 40		
下壳 开孔安装 Housings, bulkhead mounting	H6B-AG	2300060301			安装开口 Panel cut out 52 × 35mm
下壳 开孔安装 (带盖) Housings, bulkhead mounting	H6B-AD	2300060302			带保护盖 With thermo cover

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H6B 防护外壳 HOODS / HOUSINGS SERIES


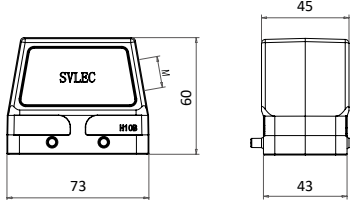

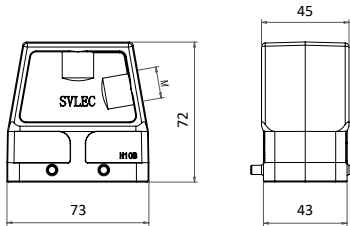

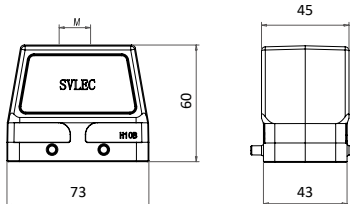

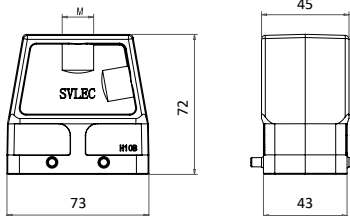

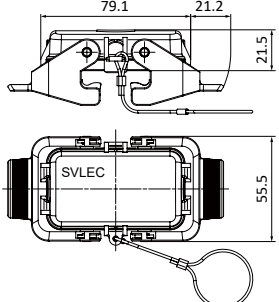
底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 表面安装 Surface mounting: Side entry	H6B-SGR-M20 H6B-SGR-M25 H6B-SGR-2M20 H6B-SGR-2M25	2300061250 2300061251 2300061290 2300061291	1×20 1×25 2×20 2×25		
下壳 表面安装 高结构 Surface mounting: Side entry	H6B-SGRH-M32 H6B-SGRH-2M32	2300061226 2300060292	1×32 2×32		
下壳 表面安装 (带盖) Surface mounting: Side entry (cover)	H6B-SDR-M20 H6B-SDR-M25 H6B-SDR-2M20	2300061255 2300061256 2300061295	1×20 1×25 2×20	带保护盖 With thermo cover 	若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 表面安装 (带盖) 高结构 Surface mounting: Side entry (cover)	H6B-SDRH-M32	2300060297	1×32	带保护盖 With thermo cover 	若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
底座保护盖 Protection covers for housings	H6B-KDB	2300065427			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H10B 带双扣防护外壳 WITH 2 LEVERS ON THE HOODS/HOUSINGS

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H10B-TS-M20 H10B-TS-M25	2300101520 2300101521	20 25		
上壳 侧面进线 高结构 Side entry 	H10B-TSH-M25 H10B-TSH-M32 H10B-TSH-M40	2300100526 2300100527 2300100528	25 32 40		
上壳 顶部进线 Top entry 	H10B-TG-M20 H10B-TG-M25	2300101420 2300101421	20 25		
上壳 顶部进线 高结构 Top entry 	H10B-TGH-M25 H10B-TGH-M32 H10B-TGH-M40	2300100426 2300100427 2300100428	25 32 40		
上壳 保护盖 Protection covers for hoods 	H10B-KDT	2300105422			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H10B 带双扣防护外壳 WITH 2 LEVERS ON THE HOODS/HOUSINGS


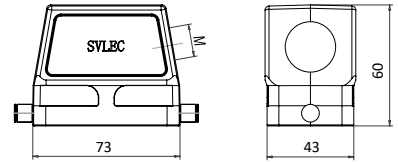

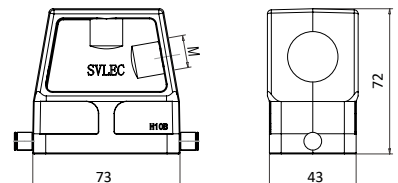

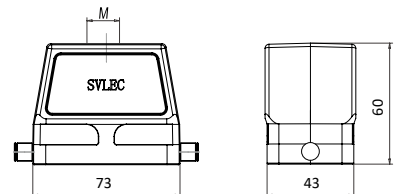

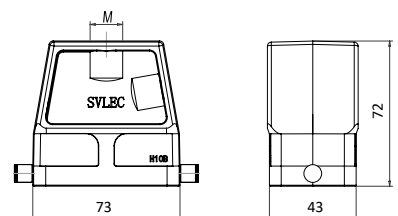

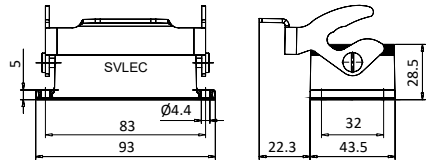

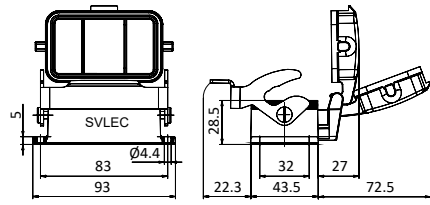
底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 电缆对接 Cable to cable hood	H10B-TBF-M20 H10B-TBF-M25	2300101730 2300101731	1×20 1×25		
下壳 电缆对接 高结构 Cable to cable hood	H10B-TBFH-M25 H10B-TBFH-M32 H10B-TBFH-M40	2300100736 2300100737 2300100738	1×25 1×32 1×40		
下壳 开孔安装 Housings, bulkhead mounting	H10B-AG	2300100301		安装开口 Panel cut out 65 × 35mm 	
下壳 表面安装 Surface mounting: Side entry	H10B-SGR-M20 H10B-SGR-M25 H10B-SGR-2M20 H10B-SGR-2M25	2300101230 2300101231 2300101270 2300101271	1×20 1×25 2×20 2×25		若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 表面安装 高结构 Surface mounting: Side entry	H10B-SGRH-M32 H10B-SGRH-2M32	2300100232 2300100272	1×32 2×32		若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 保护盖 Protection covers for housings	H10B-KDB	2300105407			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H10B 带单扣防护外壳 WITH 1 LEVERS ON THE HOODS/HOUSINGS 兴威联电气 -SVLEC-

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H10B-TS-RO-M20 H10B-TS-RO-M25	2300101540 2300101541	20 25		60 43 73
上壳 侧面进线 高结构 Side entry 	H10B-TSH-RO-M25 H10B-TSH-RO-M32 H10B-TSH-RO-M40	2300100546 2300100547 2300100548	25 32 40		72 43 73
上壳 顶部进线 Top entry 	H10B-TG-RO-M20 H10B-TG-RO-M25	2300101440 2300101441	20 25		60 43 73
上壳 顶部进线 高结构 Top entry 	H10B-TGH-RO-M25 H10B-TGH-RO-M32 H10B-TGH-RO-M40	2300100446 2300100447 2300100448	25 32 40		72 43 73
下壳 开孔安装 Housings, bulkhead mounting 	H10B-AG-LB	2300100305		安装开口 Panel cut out 65 × 35mm 	28.5 32 43.5 22.3 93 83 Ø4.4
下壳 开孔安装带盖 Housings, bulkhead mounting cover 	H10B-AD-LB	2300100303		带保护盖 With thermo cover 	28.5 32 43.5 27 72.5 22.3 93 83 Ø4.4

备注 Notes: 开孔尺寸图请参照 9.5.2 页

B 类防护外壳

H10B 带单扣防护外壳 WITH 1 LEVERS ON THE HOODS/HOUSINGS

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers


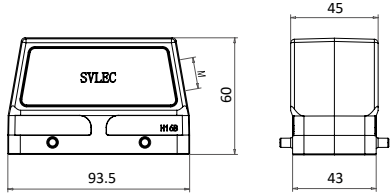

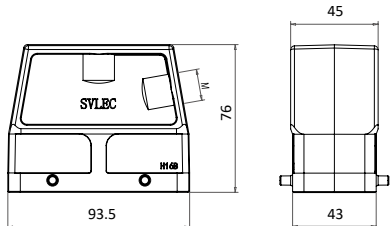

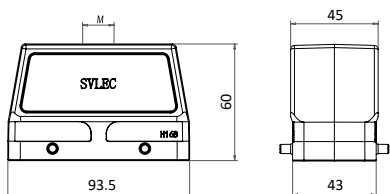

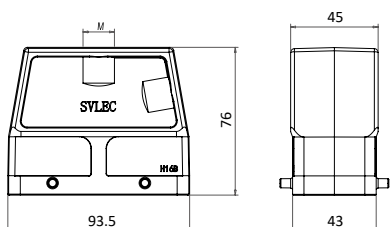

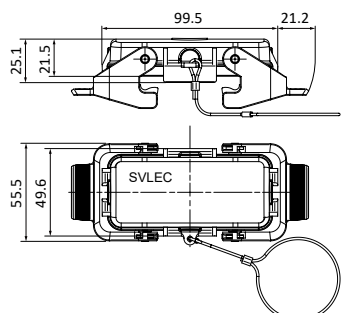
名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 表面安装 Surface mounting: Side entry	H10B-SGR-LB-M20 H10B-SGR-LB-M25 H10B-SGR-LB-2M20 H10B-SGR-LB-2M25	2300101250 2300101251 2300101290 2300101291	1×20 1×25 2×20 2×25		
下壳 表面安装 高结构 Surface mounting: Side entry	H10B-SGRH-LB-M32 H10B-SGRH-LB-2M32	2300100252 2300100292	1×32 2×32		
下壳 表面安装带盖 Surface mounting: Side entry cover	H10B-SDR-LB-M20 H10B-SDR-LB-M25 H10B-SDR-LB-2M20	2300101255 2300101256 2300101295	1×20 1×25 2×20		带保护盖 With thermo cover 若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 表面安装带盖 高结构 Surface mounting: Side entry cover	H10B-SDRH-LB-M32 H10B-SDRH-LB-2M32	2300100297 2300101297	1×32 2×32		带保护盖 With thermo cover 若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately

备注 Notes: 开孔尺寸图请参照 9.5.2 页

B 类防护外壳

H16B 带双扣防护外壳 WITH 2 LEVERS ON THE HOODS/HOUSINGS

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H16B-TS-M25 H16B-TS-M32	2300161521 2300161522	25 32		
上壳 侧面进线 高结构 Side entry 	H16B-TSH-M25 H16B-TSH-M32 H16B-TSH-M40	2300160526 2300160527 2300160528	25 32 40		
上壳 顶部进线 Top entry 	H16B-TG-M25 H16B-TG-M32	2300161421 2300161422	25 32		
上壳 顶部进线 高结构 Top entry 	H16B-TGH-M25 H16B-TGH-M32 H16B-TGH-M40	2300160426 2300160427 2300160428	25 32 40		
上壳保护盖 Protection covers for hoods 	H16B-KDT	2300165422			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H16B 带双扣防护外壳 WITH 2 LEVERS ON THE HOODS/HOUSINGS


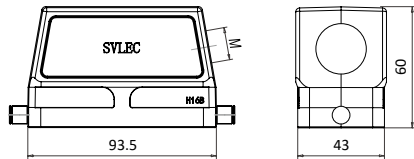

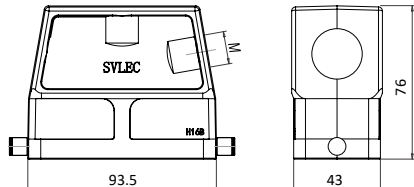

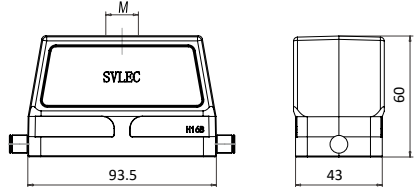

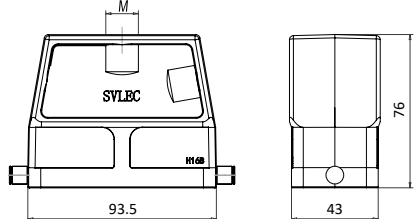

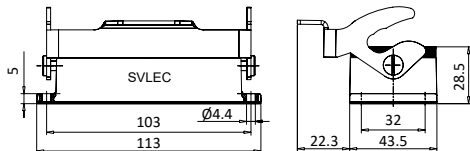

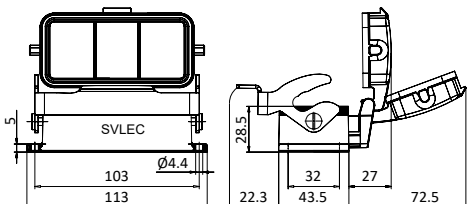
底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 电缆对接 Cable to cable hood	H16B-TBF-M25 H16B-TBF-M32	2300161731 2300161732	25 32		
下壳 电缆对接 高结构 Cable to cable hood	H16B-TBFH-M25 H16B-TBFH-M32 H16B-TBFH-M40	2300160736 2300160737 2300160738	25 32 40		
下壳 开孔安装 Housings, bulkhead mounting	H16B-AG	2300160301		安装开口 Panel cut out 65 x 35mm 	
下壳 表面安装 Surface mounting: Side entry	H16B-SGR-M25 H16B-SGR-2M25	2300161231 2300161271	1×25 2×25		若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 表面安装 高结构 Surface mounting: Side entry	H16B-SGRH-M32 H16B-SGRH-2M32	2300160232 2300160272	1×32 2×32		若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 保护盖 Protection covers for housings	H16B-KDB	2300165407			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H16B 带单扣防护外壳 WITH 1 LEVERS ON THE HOODS/HOUSINGS


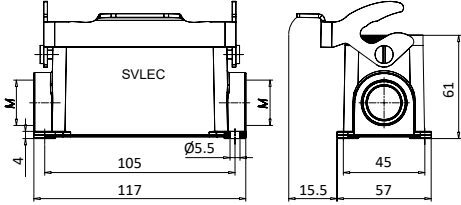
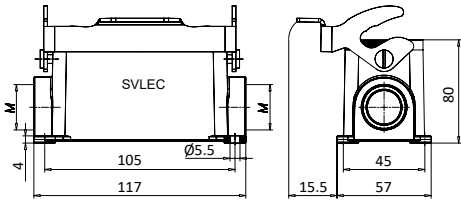

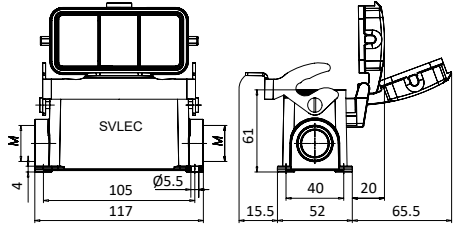

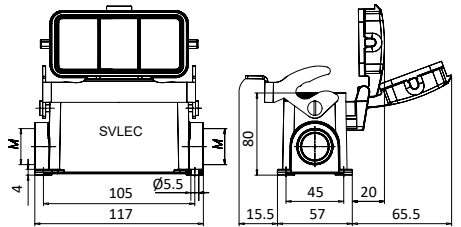
底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H16B-TS-RO-M25 H16B-TS-RO-M32	2300161541 2300161542	25 32		60 43 93.5
上壳 侧面进线 高结构 Side entry 	H16B-TSH-RO-M25 H16B-TSH-RO-M32 H16B-TSH-RO-M40	2300160546 2300160547 2300160548	25 32 40		76 43 93.5
上壳 顶部进线 Top entry 	H16B-TG-RO-M25 H16B-TG-RO-M32	2300161441 2300161442	25 32		60 43 93.5
上壳 顶部进线 高结构 Top entry 	H16B-TGH-RO-M25 H16B-TGH-RO-M32 H16B-TGH-RO-M40	2300160446 2300160447 2300160448	25 32 40		76 43 93.5
下壳 开孔安装 Housings, bulkhead mounting 	H16B-AG-LB	2300160307		安装开口 Panel cut out 85 x 35mm 	5 103 113 Ø4.4 28.5 32 43.5 22.3
下壳 开孔安装带盖 Housings, bulkhead mounting cover 	H16B-AD-LB	2300160306		带保护盖 With thermo cover 	5 103 113 Ø4.4 28.5 32 43.5 27 72.5 22.3

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H16B 带单扣防护外壳 WITH 1 LEVERS ON THE HOODS/HOUSINGS


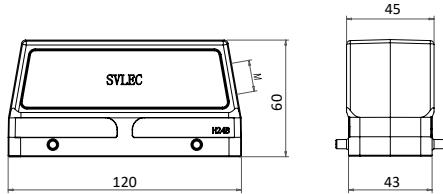

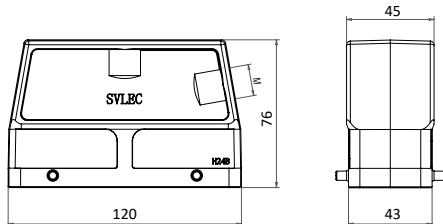

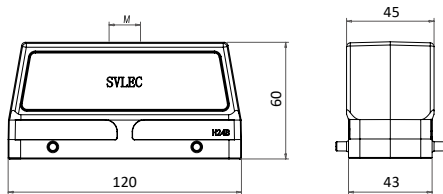

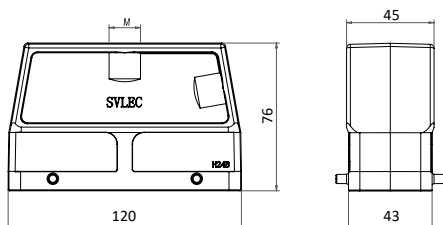

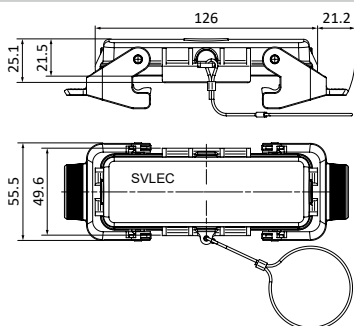
底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 表面安装 Surface mounting: Side entry 	H16B-GR-LB-M25 H16B-GR-LB-2M25	2300161251 2300161291	1×25 2×25		
下壳 表面安装 高结构 Surface mounting: Side entry	H16B-SGRH-LB-M32 H16B-SGRH-LB-2M32	2300160252 2300160292	1×32 2×32		
下壳 表面安装带盖 Surface mounting: Side entry cover 	H16B-SDR-LB-M25 H16B-SDR-LB-2M25	2300161256 2300161296	1×25 2×25		带保护盖 With thermo cover 若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 表面安装带盖 高结构 Surface mounting: Side entry cover 	H16B-SDRH-LB-M32 H16B-SDRH-LB-2M32	2300160297 2300161297	1×32 2×32		带保护盖 With thermo cover 若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H24B 带双扣防护外壳 WITH 2 LEVERS ON THE HOODS/HOUSINGS

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H24B-TS-M25 H24B-TS-M32	2300241521 2300241522	25 32		
上壳 侧面进线 高结构 Side entry 	H24B-TSH-M25 H24B-TSH-M32 H24B-TSH-M40	2300240526 2300240527 2300240528	25 32 40		
上壳 顶部进线 Top entry 	H24B-TG-M25 H24B-TG-M32	2300241421 2300241422	25 32		
上壳 顶部进线 高结构 Top entry 	H24B-TGH-M25 H24B-TGH-M32 H24B-TGH-M40	2300240426 2300240427 2300240428	25 32 40		
上壳 保护盖 Protection covers for hoods 	H24B-KDT	2300245422			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H24B 带双扣防护外壳 WITH 2 LEVERS ON THE HOODS/HOUSINGS


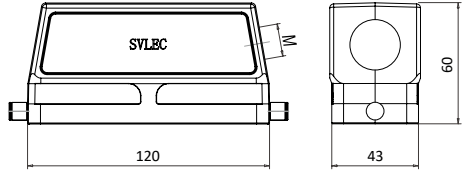

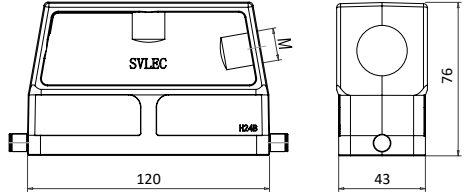

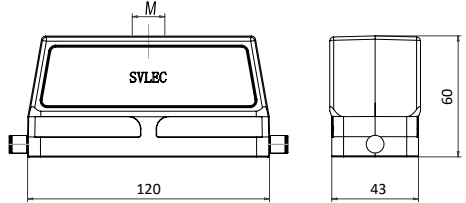

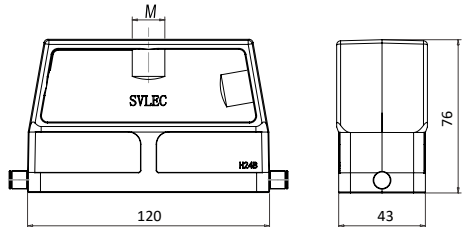

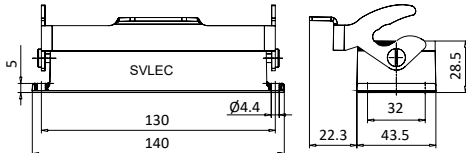

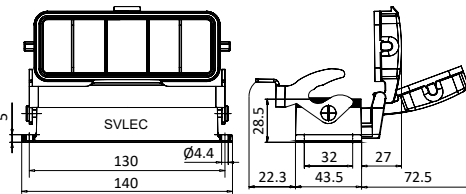
底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 电缆对接 Cable to cable hood	H24B-TBF-M25 H24B-TBF-M32	2300241731 2300241732	25 32		
下壳 电缆对接 高结构 Cable to cable hood	H24B-TBFH-M25 H24B-TBFH-M32 H24B-TBFH-M40	2300240736 2300240737 2300240738	25 32 40		
下壳 开孔安装 Housings, bulkhead mounting	H24B-AG	2300240301		安装开口 Panel cut out 65 x 35mm 	
下壳 表面安装 Surface mounting: Side entry	H24B-SGR-M25 H24B-SGR-2M25	2300241231 2300241271	1×25 2×25		若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 表面安装 高结构 Surface mounting: Side entry	H24B-SGRH-M32 H24B-SGRH-2M32	2300240232 2300240272	1×32 2×32		若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 保护盖 Protection covers for housings	H24B-KDB	2300245407			

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H24B 带单扣防护外壳 WITH 1 LEVERS ON THE HOODS/HOUSINGS

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H24B-TS-RO-M25 H24B-TS-RO-M32	2300241541 2300241542	25 32		
上壳 侧面进线 高结构 Side entry 	H24B-TSH-RO-M25 H24B-TSH-RO-M32 H24B-TSH-RO-M40	2300240546 2300240547 2300240548	25 32 40		
上壳 顶部进线 Top entry 	H24B-TG-RO-M25 H24B-TG-RO-M32	2300241441 2300241442	25 32		
上壳 顶部进线 高结构 Top entry 	H24B-TGH-RO-M25 H24B-TGH-RO-M32 H24B-TGH-RO-M40	2300240446 2300240447 2300240448	25 32 40		
下壳 开孔安装 Housings, bulkhead mounting 	H24B-AG-LB	2300240307		安装开口 Panel cut out 85 x 35mm 	
下壳 开孔安装带盖 Housings, bulkhead mounting cover 	H24B-AD-LB	2300240306		带保护盖 With thermo cover 	

备注 Notes: 开孔尺寸图请参照 9.5.2 页


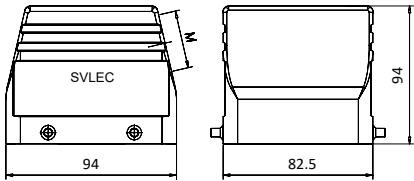

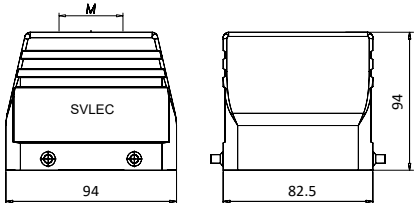

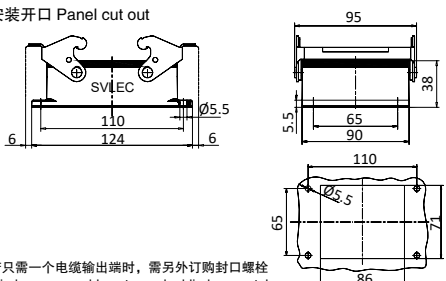

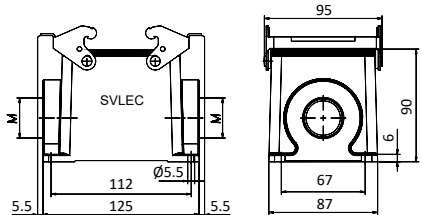

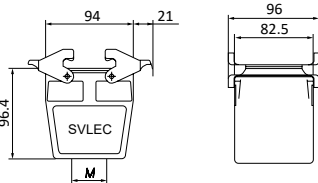
H24B 带单扣防护外壳 WITH 1 LEVERS ON THE HOODS/HOUSINGS

底座锁扣有：塑料扣，普通金属扣和不锈钢金属扣可选 Levers include metal, plastic and stainless steel
 保护盖有：塑料保护盖，金属保护盖可选 Cover include plastic and metal covers

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
下壳 表面安装 Surface mounting: Side entry	H24B-SGR-LB-M25 H24B-SGR-LB-2M25	2300241251 2300241291	1×25 2×25		
下壳 表面安装 高结构 Surface mounting: Side entry	H24B-SGRH-LB-M32 H24B-SGRH-LB-2M32	2300240252 2300240292	1×32 2×32		
下壳 表面安装带盖 Surface mounting: Side entry cover	H24B-SDR-LB-M25 H24B-SDR-LB-2M25	2300240295 2300241296	1×25 2×25		带保护盖 With thermo cover 若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 表面安装带盖 高结构 Surface mounting: Side entry cover	H24B-SDRH-LB-M32 H24B-SDRH-LB-2M32	2300240296 2300240297	1×32 2×32		带保护盖 With thermo cover 若只需一个电缆输出端时，需另外订购封口螺栓 Blind way one cable entry, order blind separately


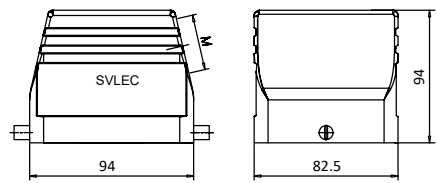

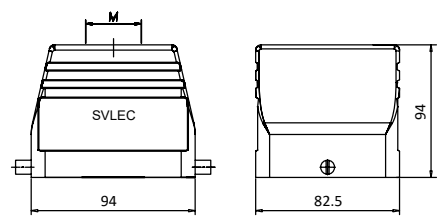

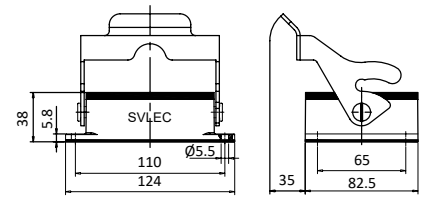

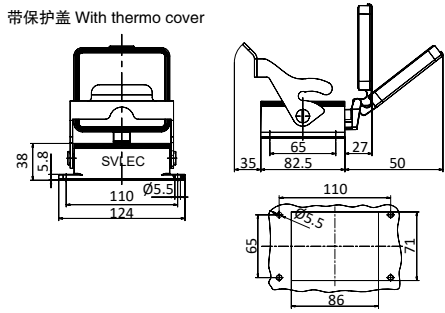

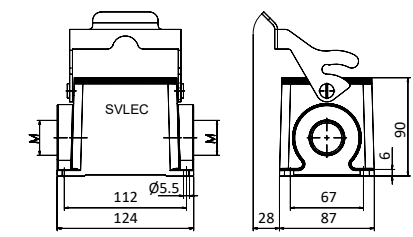

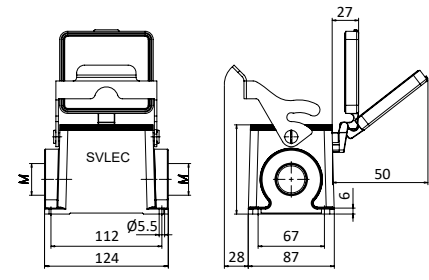
备注 Notes: 开孔尺寸图请参照 9.5.2 页

H32B 带双扣防护外壳 WITH 2 LEVERS ON THE HOODS/HOUSINGS

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 双扣侧面进线 Double levers Side entry 	H32B-TS-M32 H32B-TS-M40 H32B-TS-M50	2300320527 2300320528 2300320529	32 40 50		
上壳 双扣顶部进线 Double levers Top entry 	H32B-TG-M32 H32B-TG-M40 H32B-TG-M50	2300320427 2300320428 2300320429	32 40 50		
下壳 双扣开孔安装 Double levers bulkhead mounted: bottom entry 	H32B-AG	2300320301		安装开口 Panel cut out 	若只需一个电缆输出端时, 需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 双扣表面安装 Double levers surface mounted: side entry 	H32B-SGR-M32 H32B-SGR-M40 H32B-SGR-2M32 H32B-SGR-2M40	2300320232 2300320242 2300320272 2300320273	1×32 1×40 2×32 2×40		若只需一个电缆输出端时, 需另外订购封口螺栓 Blind way one cable entry, order blind separately
下壳 双扣电缆对接外壳 Double levers cable to cable hood 	H32B-TBF-M32 H32B-TBF-M40 H32B-TBF-M50	2300320737 2300320738 2300320739	32 40 50		


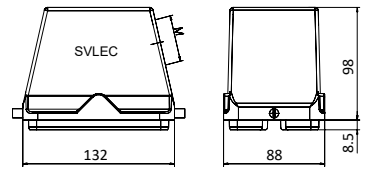

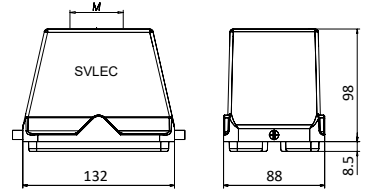

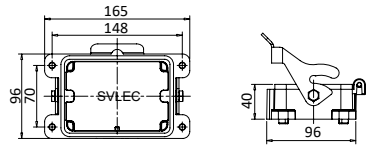

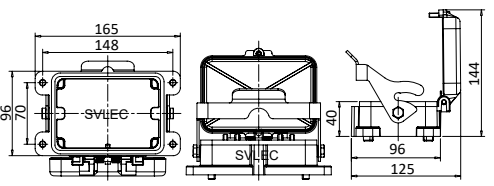

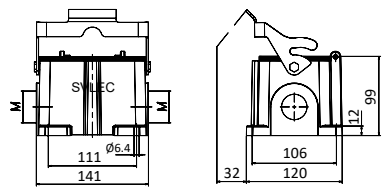

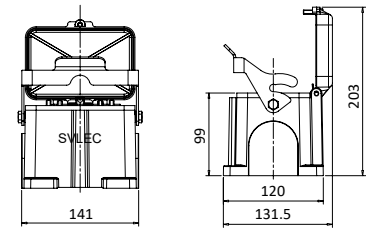
备注 Notes: 开孔尺寸图请参照 9.5.2 页

H32B 带单扣防护外壳 WITH 1 LEVERS ON THE HOODS/HOUSINGS

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 单扣侧面进线 Single levers side entry 	H32B-TS-RO-M32 H32B-TS-RO-M40 H32B-TS-RO-M50	2300320547 2300320548 2300320549	32 40 50		94 82.5 94
上壳 单扣顶部进线 Single levers top entry 	H32B-TG-RO-M32 H32B-TG-RO-M40 H32B-TG-RO-M50 H32B-TG-RO-M63	2300320447 2300320448 2300320449 2300320450	32 40 50 63		94 82.5 94
下壳 单扣开孔安装 Single levers bulkhead mounted: bottom entry 	H32B-AG-LB	2300320307			38 5.8 110 Ø5.5 124 35 65 82.5
下壳 单扣开孔安装带盖 Single levers bulkhead mounted: bottom entry cover 	H32B-AD-LB	2300320304		带保护盖 With thermo cover 	38 5.8 110 Ø5.5 124 35 65 27 50 110 Ø5.5 86
下壳 单扣表面安装 Single levers surface mounted: side entry 	H32B-SGR-LB-M32 H32B-SGR-LB-M40 H32B-SGR-LB-2M32 H32B-SGR-LB-2M40	2300321252 2300321253 2300321291 2300321292	1×32 1×40 2×32 2×40		112 Ø5.5 124 28 67 87 90
下壳 单扣表面安装带盖 Single levers surface mounted: side entry cover 	H32B-SDR-LB-M32 H32B-SDR-LB-M40 H32B-SDR-LB-2M32 H32B-SDR-LB-2M40	2300321255 2300321256 2300321295 2300321296	1×32 1×40 2×32 2×40	带保护盖 With thermo cover 	112 Ø5.5 124 28 67 87 6 50 27


备注 Notes: 开孔尺寸图请参照 9.5.2 页

H48B 防护外壳 HOODS/HOUSINGS


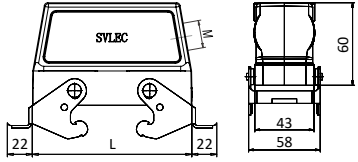

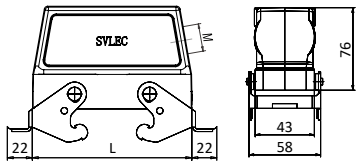

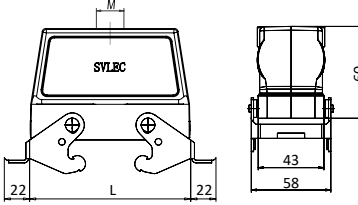

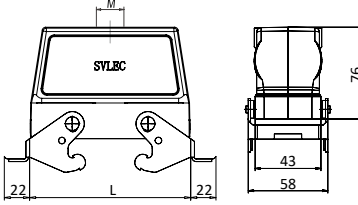

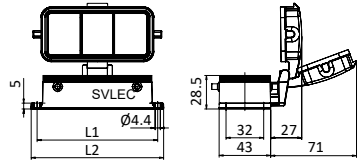

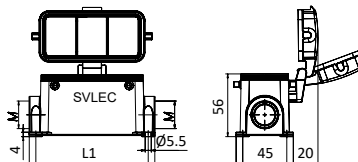

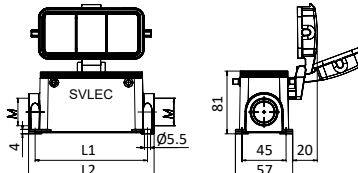
名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H48B-TS-M32 H48B-TS-M40 H48B-TS-M50	2300480547 2300480548 2300480549	32 40 50		
上壳 顶部进线 Top entry 	H48B-TG-M32 H48B-TG-M40 H48B-TG-M50 H48B-TG-M63	2300480447 2300480448 2300480449 2300480450	32 40 50 63		
下壳 开孔安装 Housings, bulkhead mounting 	H48B-AG	2300480301		安装开口 Panel cut out 	
下壳 开孔安装带盖 Housings, bulkhead mounting cover 	H48B-AD	2300480317		安装开口 Panel cut out 	
下壳 表面安装 Surface mounting: Side entry 	H48B-SGR-M32 H48B-SGR-M40 H48B-SGR-2M32 H48B-SGR-2M40	2300480292 2300480293 2300481292 2300481293	1×32 1×40 2×32 2×40		
下壳 表面安装带盖 Surface mounting: Side entry cover 	H48B-SDR-M32 H48B-SDR-M40 H48B-SDR-2M32 H48B-SDR-2M40	2300480297 2300480298 2300482297 2300482298	1×32 1×40 2×32 2×40		
				盲封堵头 Blind way	

备注 Notes: 开孔尺寸图请参照 9.5.2 页

H8A 防护外壳 HOODS / HOUSINGS

塑料外壳 Plastic hoods/housings	型号 Type	订货号 Part No.	M 制 Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Side entry 	H8A-TS-M25	2120080501	25		
上壳 顶部进线 Top entry 	H8A-TG-M25	2120080429	25		
下壳 开孔安装 Housings, bulkhead mounting 	H8A-AG	2120080327			
下壳 开孔安装 Housings, bulkhead mounting 	H8A-AGM	2120080301			
旋紧件 Tighten the pieces 	SVL-25	2120005157	25		

特殊外壳系列 SPECIAL HOODS SERIES

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm												
上壳 侧出带双扣 Side entry hoods with two levers 	H10B-TSB-M20	2300101530	20		<table border="1"> <thead> <tr> <th>SIZE</th> <th>L(mm)</th> </tr> </thead> <tbody> <tr> <td>H10B</td> <td>82</td> </tr> <tr> <td>H16B</td> <td>93.5</td> </tr> <tr> <td>H24B</td> <td>120</td> </tr> </tbody> </table>	SIZE	L(mm)	H10B	82	H16B	93.5	H24B	120				
	SIZE	L(mm)															
	H10B	82															
	H16B	93.5															
	H24B	120															
	H10B-TSB-M25	2300101531	25														
	H16B-TSB-M25	2300161531	25														
H16B-TSB-M32	2300161532	32															
H24B-TSB-M25	2300241531	25															
H24B-TSB-M32	2300241532	32															
上壳 侧出带双扣 高结构 Side entry hoods with two levers 	H10B-TSBH-M25	2300100536	25		<table border="1"> <thead> <tr> <th>SIZE</th> <th>L(mm)</th> </tr> </thead> <tbody> <tr> <td>H10B</td> <td>82</td> </tr> <tr> <td>H16B</td> <td>93.5</td> </tr> <tr> <td>H24B</td> <td>120</td> </tr> </tbody> </table>	SIZE	L(mm)	H10B	82	H16B	93.5	H24B	120				
	SIZE	L(mm)															
	H10B	82															
	H16B	93.5															
	H24B	120															
	H10B-TSBH-M32	2300100537	32														
	H10B-TSBH-M40	2300100538	40														
H16B-TSBH-M25	2300160536	25															
H16B-TSBH-M32	2300160537	32															
H16B-TSBH-M40	2300160538	40															
H24B-TSBH-M25	2300240536	25															
H24B-TSBH-M32	2300240537	32															
H24B-TSBH-M40	2300240538	40															
上壳 顶出带双扣 Top entry hoods with two levers 	H10B-TGB-M20	2300101430	20		<table border="1"> <thead> <tr> <th>SIZE</th> <th>L(mm)</th> </tr> </thead> <tbody> <tr> <td>H10B</td> <td>82</td> </tr> <tr> <td>H16B</td> <td>93.5</td> </tr> <tr> <td>H24B</td> <td>120</td> </tr> </tbody> </table>	SIZE	L(mm)	H10B	82	H16B	93.5	H24B	120				
	SIZE	L(mm)															
	H10B	82															
	H16B	93.5															
	H24B	120															
	H10B-TGB-M25	2300101431	25														
	H16B-TGB-M25	2300161431	25														
H16B-TGB-M32	2300161432	32															
H24B-TGB-M25	2300241431	25															
H24B-TGB-M32	2300241432	32															
上壳 顶出带双扣 高结构 Top entry hoods with two levers 	H10B-TGBH-M25	2300100436	25		<table border="1"> <thead> <tr> <th>SIZE</th> <th>L(mm)</th> </tr> </thead> <tbody> <tr> <td>H10B</td> <td>82</td> </tr> <tr> <td>H16B</td> <td>93.5</td> </tr> <tr> <td>H24B</td> <td>120</td> </tr> </tbody> </table>	SIZE	L(mm)	H10B	82	H16B	93.5	H24B	120				
	SIZE	L(mm)															
	H10B	82															
	H16B	93.5															
	H24B	120															
	H10B-TGBH-M32	2300100437	32														
	H10B-TGBH-M40	2300100438	40														
H16B-TGBH-M25	2300160436	25															
H16B-TGBH-M32	2300160437	32															
H16B-TGBH-M40	2300160438	40															
H24B-TGBH-M25	2300240436	25															
H24B-TGBH-M32	2300240437	32															
H24B-TGBH-M40	2300240438	40															
下壳 四耳带盖开孔底座 Bulkhead mounting with 4 bolts 	H10B-AD-BO	2300100302		带保护盖 With thermo cover 	<table border="1"> <thead> <tr> <th>SIZE</th> <th>L1 (mm)</th> <th>L2 (mm)</th> </tr> </thead> <tbody> <tr> <td>H10B</td> <td>83</td> <td>93</td> </tr> <tr> <td>H16B</td> <td>103</td> <td>113</td> </tr> <tr> <td>H24B</td> <td>130</td> <td>140</td> </tr> </tbody> </table>	SIZE	L1 (mm)	L2 (mm)	H10B	83	93	H16B	103	113	H24B	130	140
	SIZE	L1 (mm)	L2 (mm)														
	H10B	83	93														
	H16B	103	113														
H24B	130	140															
H16B-AD-BO	2300160302																
H24B-AD-BO	2300240302																
			若只需一个电缆输出端时, 需另外订购封口螺栓 Blind way one cable entry, order blind separately														
下壳 四耳带盖表面安装底座 Surface mounting with 4 bolts 	H10B-SDR-BO-M20	2300101225	1×20	带保护盖 With thermo cover 	<table border="1"> <thead> <tr> <th>SIZE</th> <th>L1 (mm)</th> <th>L2 (mm)</th> </tr> </thead> <tbody> <tr> <td>H10B</td> <td>82</td> <td>94</td> </tr> <tr> <td>H16B</td> <td>105</td> <td>117</td> </tr> <tr> <td>H24B</td> <td>132</td> <td>144</td> </tr> </tbody> </table>	SIZE	L1 (mm)	L2 (mm)	H10B	82	94	H16B	105	117	H24B	132	144
	SIZE	L1 (mm)	L2 (mm)														
	H10B	82	94														
	H16B	105	117														
	H24B	132	144														
	H10B-SDR-BO-M25	2300101226	1×25														
	H10B-SDR-BO-2M20	2300101265	2×20														
H10B-SDR-BO-2M25	2300101266	2×25															
H16B-SDR-BO-M25	2300161226	1×25															
H16B-SDR-BO-2M25	2300162226	2×25															
H24B-SDR-BO-M25	2300241226	1×25															
H24B-SDR-BO-2M25	2300241266	2×25															
			若只需一个电缆输出端时, 需另外订购封口螺栓 Blind way one cable entry, order blind separately														
下壳 四耳带盖表面安装底座 高结构 Surface mounting with 4 bolts 	H10B-SDRH-BO-M32	2300100227	1×32	带保护盖 With thermo cover 	<table border="1"> <thead> <tr> <th>SIZE</th> <th>L1 (mm)</th> <th>L2 (mm)</th> </tr> </thead> <tbody> <tr> <td>H10B</td> <td>82</td> <td>94</td> </tr> <tr> <td>H16B</td> <td>105</td> <td>117</td> </tr> <tr> <td>H24B</td> <td>132</td> <td>144</td> </tr> </tbody> </table>	SIZE	L1 (mm)	L2 (mm)	H10B	82	94	H16B	105	117	H24B	132	144
	SIZE	L1 (mm)	L2 (mm)														
	H10B	82	94														
	H16B	105	117														
	H24B	132	144														
	H10B-SDRH-BO-2M32	2300100267	2×32														
H16B-SDRH-BO-M32	2300161225	1×32															
H16B-SDRH-BO-2M25	2300162225	2×25															
H24B-SDRH-BO-M32	2300240267	1×32															
H24B-SDRH-BO-2M32	2300242267	2×32															
			若只需一个电缆输出端时, 需另外订购封口螺栓 Blind way one cable entry, order blind separately														


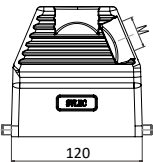
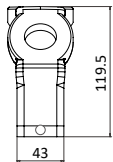
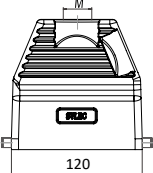
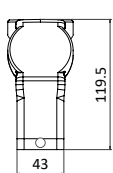

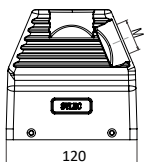
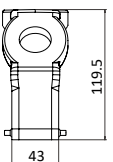
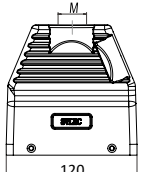
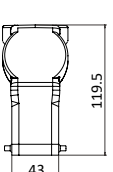
备注 Notes: 开孔尺寸图请参照 9.5.2 页

特殊外壳系列 SPECIAL HOODS SERIES

(IP65) 用于特殊用途 (开孔位置和数量可选)


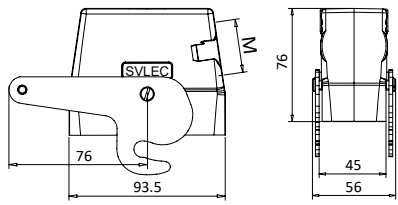
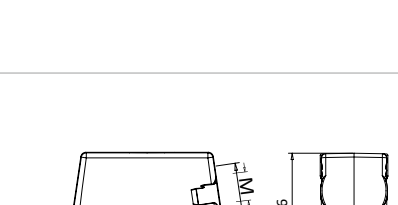
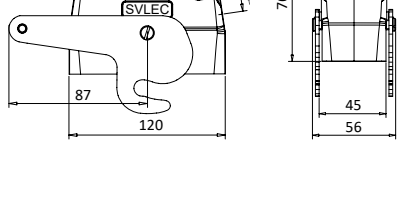
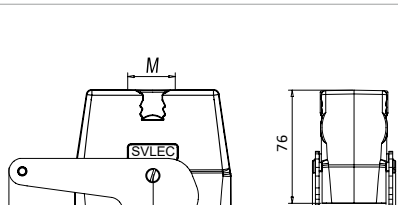

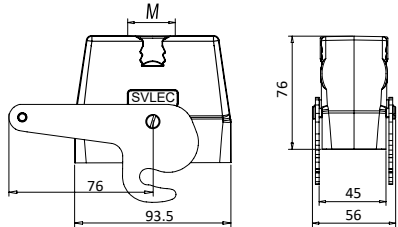
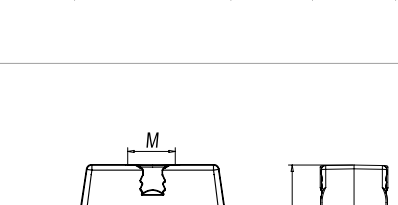
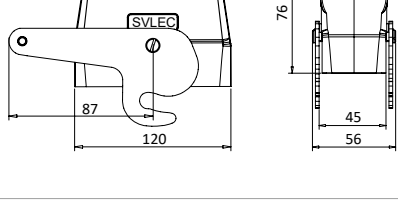
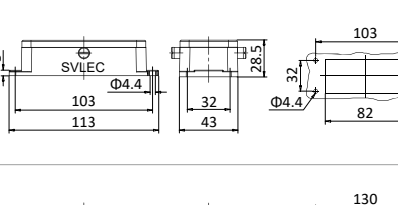

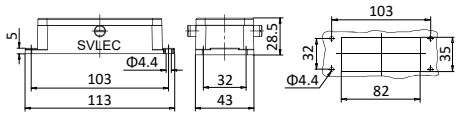
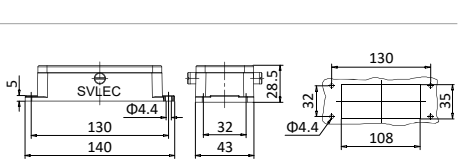
名称 Identification	规格 Size	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 顶部进线 Hoods top entry 	H10B	H10B-TGH-2M20	2300100465	2×20		
	H16B H16B	H16B-TGH-2M25 H16B-TGH-M20/32	2300160466 2300160566	2×25 20+32		
	H24B H24B H24B	H24B-TGH-2M25 H24B-TGH-2M32 H24B-TGH-M25/32	2300240466 2300240467 2300240567	2×25 2×32 25+32		
	H32B	H32B-TGH-2M32	2300320467	2×32		

用于特殊用途 (开孔位置和数量可选)

名称 Identification	规格 Size	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	尺寸: 单位 Dimensions in mm
上壳 2 耳 Hoods 	侧出 H24B	H24B-THS-RO-M50	2300240568	1×50		
	顶出 H24B	H24B-THG-RO-M50	2300240569	1×50		
上壳 4 耳 Hoods 	侧出 H24B	H24B-THS-M50	2300240558	1×50		
	顶出 H24B	H24B-THG-M50	2300240559	1×50		


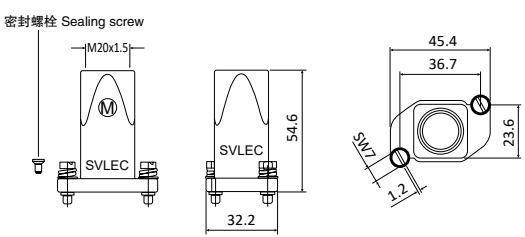

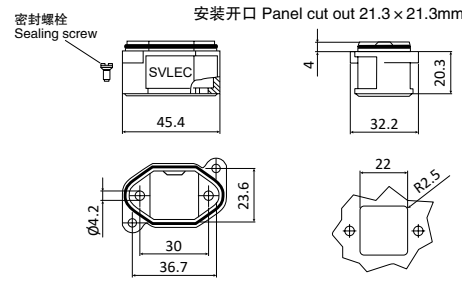

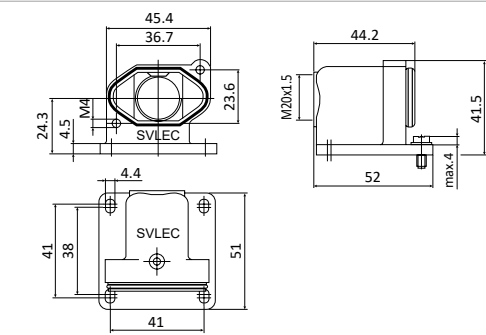
HB 中部锁定金属外壳 CENTRAL LOCKING METAL CASE

HB 中部锁定 (IP65) 系列


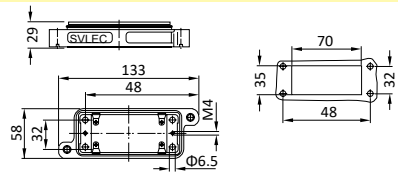
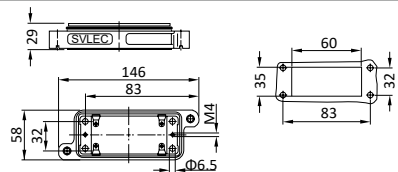
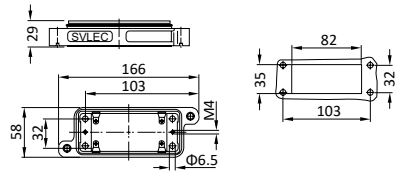
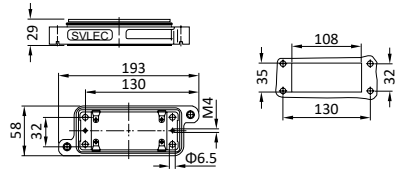
名称 Identification	规格 Size	型号 Type	订货号 Part No.	Metr.	单位 Dimensions in mm
上壳 侧面进线 Hoods side entry 	H16B	H16B-TSH-RC-M25	2370160586	25	
	H16B	H16B-TSH-RC-M32	2370160587	32	
	H24B	H24B-TSH-RC-M32	2370240587	32	
	H24B	H24B-TSH-RC-M40	2370240588	40	
上壳 顶部出线 Hoods top entry 	H16B	H16B-TGH-RC-M32	2370160487	32	
	H16B	H16B-TGH-RC-M40	2370160488	40	
	H24B	H24B-TGH-RC-M32	2370240487	32	
	H24B	H24B-TGH-RC-M40	2370240488	40	
下壳 开孔安装 Housings, bulkhead mounting 	H16B	H16B-AG-RC	2370160381		
	H24B	H24B-AG-RC	2370240381		

HPR(IP68) 系列金属外壳 METAL HOODS/HOUSINGS SERIES

H3APR(IP68) 系列 Series

名称 Identification	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
顶部进线 Hoods top entry 	H3APR-MTG-M20	2400030410	20		
底部进线 Housings, bulkhead mounting: bottom entry 	H3APR-MAG	2400030311			密封螺栓 Sealing screw 安装开口 Panel cut out 21.3 x 21.3mm
表面进线 Housings, surface mounting: bottom entry 	H3APR-MAGSVB-M20	2400030950	20		

HBPR 对角锁定 (IP68) 系列

名称 Identification	规格 Size	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	尺寸: 单位 Dimensions in mm
下壳 开孔安装 Housings, bulkhead mounting 	H6BPR	H6BPR-AG	2400060311			
	H10BPR	H10BPR-AG	2400100311			
	H16BPR	H16BPR-AG	2400160311			
	H24BPR	H24BPR-AG	2400240311			

HPR(IP68) 系列金属外壳 METAL HOODS / HOUSINGS SERIES


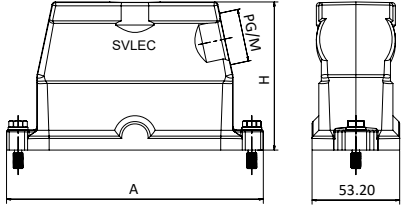

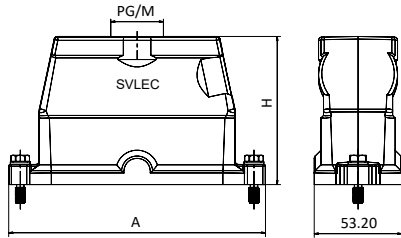

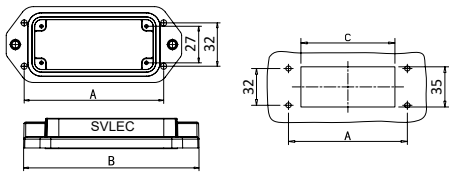


HBPR 对角锁定 (IP68) 系列


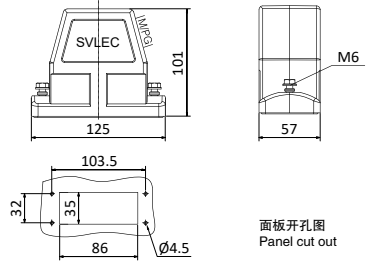
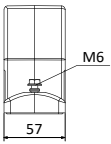
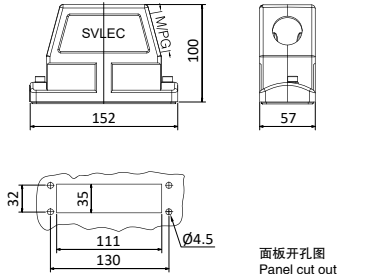
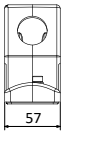

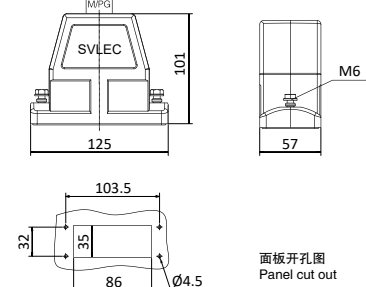
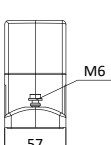
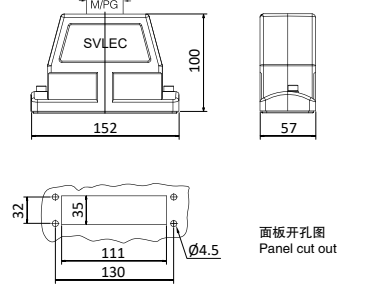
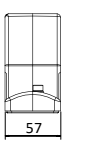

名称 Identification	规格 Size	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Hoods side entry 	H6BPR	H6BPR-TSH-M20	2400060510	20		58
	H6BPR	H6BPR-TSH-M25	2400060511	25		
	H6BPR	H6BPR-TSH-M32	2400060512	32		
	H6BPR	H6BPR-TSH-M40	2400060513	40		
	H10BPR	H10BPR-TSH-M25	2400100511	25		58
	H10BPR	H10BPR-TSH-M32	2400100512	32		
	H10BPR	H10BPR-TSH-M40	2400100513	40		
	H16BPR	H16BPR-TSH-M25	2400160511	25		58
	H16BPR	H16BPR-TSH-M32	2400160512	32		
	H16BPR	H16BPR-TSH-M40	2400160513	40		
	H16BPR	H16BPR-TSH-M50	2400160514	50		
	H24BPR	H24BPR-TSH-M25	2400240511	25		58
	H24BPR	H24BPR-TSH-M32	2400240512	32		
	H24BPR	H24BPR-TSH-M40	2400240513	40		
	H24BPR	H24BPR-TSH-M50	2400240514	50		
	上壳 顶部进线 Hoods top entry 	H6BPR	H6BPR-TGH-M20	2400060410	1×20	
H6BPR		H6BPR-TGH-M25	2400060411	1×25		
H6BPR		H6BPR-TGH-M32	2400060412	1×32		
H6BPR		H6BPR-TGH-M40	2400060413	1×40		
H10BPR		H10BPR-TGH-M25	2400100411	1×25		58
H10BPR		H10BPR-TGH-M32	2400100412	1×32		
H16BPR		H16BPR-TGH-M25	2400160411	1×25		58
H16BPR		H16BPR-TGH-M32	2400160412	1×32		
H16BPR		H16BPR-TGH-M40	2400160413	1×40		
H16BPR		H16BPR-TGH-M50	2400160414	1×50		
H24BPR		H24BPR-TGH-M32	2400240412	1×32		58
H24BPR		H24BPR-TGH-M40	2400240413	1×40		
H24BPR		H24BPR-TGH-M50	2400240414	1×50		

HPR(IP68) 系列金属外壳 METAL HOODS / HOUSINGS SERIES

HBPM 对中锁定 (IP68) 系列

名称 Identification	规格 Size	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm																							
上壳 侧面进线 Hoods side entry 	H6BPM	H6BPM-TSH-M20	2410060510	20	 <table border="1" data-bbox="1046 713 1428 883"> <thead> <tr> <th>SIZE</th> <th>A</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>H6BPM</td> <td>96</td> <td>70</td> </tr> <tr> <td>H10BPM</td> <td>110</td> <td>70</td> </tr> <tr> <td>H16BPM</td> <td>130</td> <td>80</td> </tr> <tr> <td>H24BPM</td> <td>156</td> <td>80</td> </tr> </tbody> </table>	SIZE	A	H	H6BPM	96	70	H10BPM	110	70	H16BPM	130	80	H24BPM	156	80	H6BPM	H6BPM-TSH-M25	2410060511	25					
	SIZE	A	H																										
	H6BPM	96	70																										
	H10BPM	110	70																										
	H16BPM	130	80																										
	H24BPM	156	80																										
	H6BPM	H6BPM-TSH-M32	2410060512	32																									
	H6BPM	H6BPM-TSH-M40	2410060513	40																									
	H10BPM	H10BPM-TSH-M25	2410100511	25																									
	H10BPM	H10BPM-TSH-M32	2410100512	32																									
	H10BPM	H10BPM-TSH-M40	2410100513	40																									
	H16BPM	H16BPM-TSH-M25	2410160511	25																									
	H16BPM	H16BPM-TSH-M32	2410160512	32																									
	H16BPM	H16BPM-TSH-M40	2410160513	40																									
	H16BPM	H16BPM-TSH-M50	2410160514	50																									
	H24BPM	H24BPM-TSH-M25	2410240511	25																									
H24BPM	H24BPM-TSH-M32	2410240512	32																										
H24BPM	H24BPM-TSH-M40	2410240513	40																										
H24BPM	H24BPM-TSH-M50	2410240514	50																										
上壳 顶部进线 Hoods top entry 	H6BPM	H6BPM-TGH-M20	2410060410	1×20	 <table border="1" data-bbox="1046 1360 1428 1530"> <thead> <tr> <th>SIZE</th> <th>A</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>H6BPM</td> <td>96</td> <td>70</td> </tr> <tr> <td>H10BPM</td> <td>110</td> <td>70</td> </tr> <tr> <td>H16BPM</td> <td>130</td> <td>80</td> </tr> <tr> <td>H24BPM</td> <td>156</td> <td>80</td> </tr> </tbody> </table>	SIZE	A	H	H6BPM	96	70	H10BPM	110	70	H16BPM	130	80	H24BPM	156	80	H6BPM	H6BPM-TGH-M25	2410060411	1×25					
	SIZE	A	H																										
	H6BPM	96	70																										
	H10BPM	110	70																										
	H16BPM	130	80																										
	H24BPM	156	80																										
	H6BPM	H6BPM-TGH-M32	2410060412	1×32																									
	H6BPM	H6BPM-TGH-M40	2410060413	1×40																									
	H10BPM	H10BPM-TGH-M25	2410100411	1×25																									
	H10BPM	H10BPM-TGH-M32	2410100412	1×32																									
	H16BPM	H16BPM-TGH-M25	2410160411	1×25																									
	H16BPM	H16BPM-TGH-M32	2410160412	1×32																									
H16BPM	H16BPM-TGH-M40	2410160413	1×40																										
H16BPM	H16BPM-TGH-M50	2410160414	1×50																										
H24BPM	H24BPM-TGH-M32	2410240412	1×32																										
H24BPM	H24BPM-TGH-M40	2410240413	1×40																										
H24BPM	H24BPM-TGH-M50	2410240414	1×50																										
下壳 开孔安装 Housings, bulkhead mounting 	H6BPM	H6BPM-AG	2410060311		 <table border="1" data-bbox="1046 1860 1428 2033"> <thead> <tr> <th>SIZE</th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>H6BPM</td> <td>70</td> <td>96</td> <td>48</td> </tr> <tr> <td>H10BPM</td> <td>83</td> <td>110</td> <td>60</td> </tr> <tr> <td>H16BPM</td> <td>103</td> <td>130</td> <td>82</td> </tr> <tr> <td>H24BPM</td> <td>130</td> <td>156</td> <td>108</td> </tr> </tbody> </table>	SIZE	A	B	C	H6BPM	70	96	48	H10BPM	83	110	60	H16BPM	103	130	82	H24BPM	130	156	108	H10BPM	H10BPM-AG	2410100311	
	SIZE	A	B	C																									
	H6BPM	70	96	48																									
	H10BPM	83	110	60																									
	H16BPM	103	130	82																									
H24BPM	130	156	108																										
H16BPM	H16BPM-AG	2410160311																											
H24BPM	H24BPM-AG	2410240311																											

HBHM 对中锁定 (IP68) 系列

名称 Identification	规格 Size	型号 Type	订货号 Part No.	Metr.	比例图 Drawing	单位 Dimensions in mm
上壳 侧面进线 Hoods side entry 	H16BHM	H16BHM-TSH-M25	2420160511	25		 M6 57 面板开孔图 Panel cut out
	H16BHM	H16BHM-TSH-M32	2420160512	32		
	H16BHM	H16BHM-TSH-M40	2420160513	40		
	H24BHM	H24BHM-TSH-M25	2420240511	25		 M6 57 面板开孔图 Panel cut out
	H24BHM	H24BHM-TSH-M32	2420240512	32		
	H24BHM	H24BHM-TSH-M40	2420240513	40		
上壳 顶部进线 Hoods top entry 	H16BHM	H16BHM-TGH-M25	2420160411	1×25		 M6 57 面板开孔图 Panel cut out
	H16BHM	H16BHM-TGH-M32	2420160412	1×32		
	H16BHM	H16BHM-TGH-M40	2420160413	1×40		
	H24BHM	H24BHM-TGH-M25	2420240411	1×25		 M6 57 面板开孔图 Panel cut out
	H24BHM	H24BHM-TGH-M32	2420240412	1×32		
	H24BHM	H24BHM-TGH-M40	2420240413	1×40		
下壳 安装支架 		BHM-APT	2420000311		