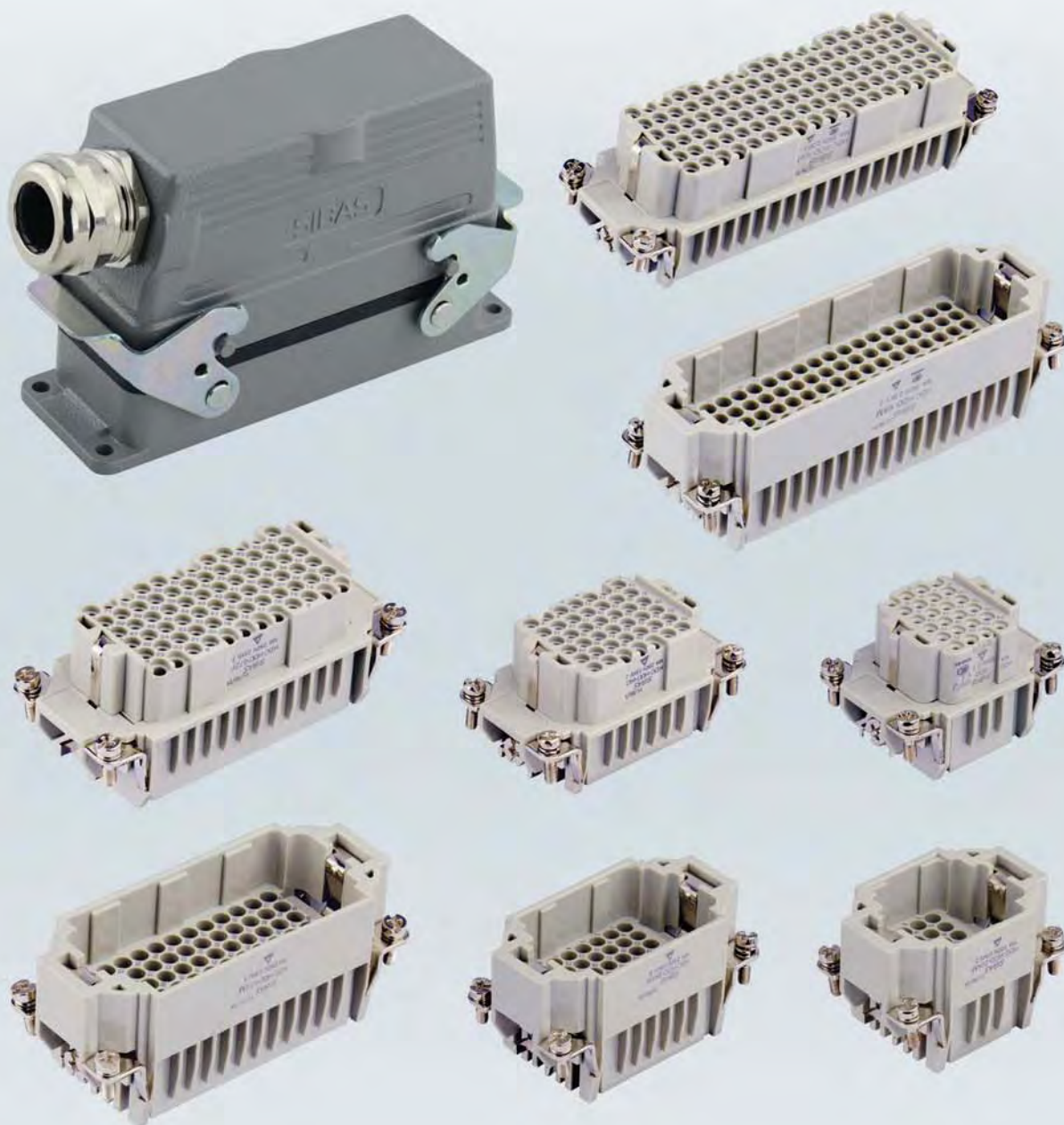




HD,HDD系列/HD,HDD Series

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



规范/Specifications	DIN VDE 0627 DIN VDE 0110
标准/Standards	DIN 43 652 CECC 75 301-801
接插件针数 Number of contacts	7,8,15,25,40,50(2x25),64, 80(2x40),128(2x64)+ PE

接插体/Inserts

工作电流/Working current (见电流负载图/See current carrying capacity)	10A max
工作电压/Working voltage	(8D is 50V) 250V,Insulation group C
测试电压/Test voltage urms	4KV(8D is 0.8KV)
污染等级/Pollutiion degree	3(C)
当污染等级为2(C)时参数为10A;250V/400V Pollutiion degree 2 also 10A;250V/400V	
隔离电阻/Insulation resistance	$\geq 10^{10}\Omega$
材料/Material	Polycarbonate
工作温度范围 Temperature range	-40°C...+100°C/125°C
阻燃等级 (据UL94) Flammability acc.to UI94	V0
据UL/CSA工作电压 Working voltage acc.to UL/CSA	600V
可拔插次数 Mechanical working life-mating cycles	≥ 500

接插针/Contacts

材料/Material	铜/Copper alloy
表面处理/Surface	镀银/Hard silver-plated 镀金/Hard gold-plated
接触电阻/Contact resistance	$\leq 3m\Omega$
接线形式/Terminal	冷压压接/Crimp terminal 卷皮针式冷压接/Rolled terminal
-mm ²	0.15-2.5mm ²
-AWG	26-14

金属上壳，底座/Hoods,Housings

材料/Material	铸铝合金/Die cast aluminium
表面处理/Surface	高温粉末镀层/Powder-coated (灰色RAL 7037)
锁定装置/Locking element	不锈钢或铁镀锌 Stainless steel,steel-zinc plated
工作温度范围 Temperature range	-40°C...+125°C
防护等级	IP65
Degree of protection acc.to DIN40 050	

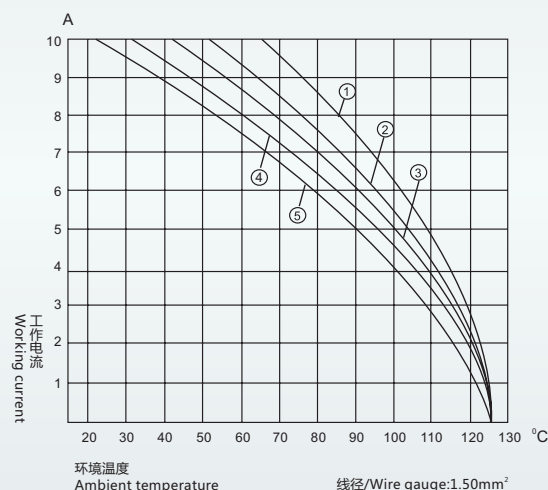
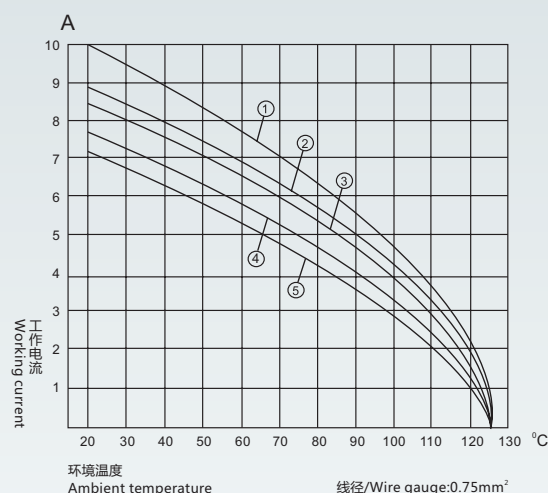
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

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

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



①HD-007

②HD-015

③HD-025

④HD-040

⑤HD-064

**HD
HDD**

规范/Specifications DIN EN 60 664-1
DIN EN 61 984

接插件针数 Number of contacts 16,24,42,72,84(2x42),
144(2x72)+PE

接插体/Inserts

工作电流/Working current 10A max
(见电流负载图/See current carrying capacity)

工作电压/Working voltage 250V,Insulation group C

测试电压/Test voltage urms 4KV

污染等级/Pollution degree 3(C)

当污染等级为2(C)时参数为10A;250V/400V

Pollution degree 2 also 10A;250V/400V

隔离电阻/Insulation resistance $\geq 10^{10}\Omega$

材料/Material Polyamide

工作温度范围 -40°C...+100°C/125°C

Temperature range

阻燃等级 (据UL94) V0

Flammability acc.to UL94

据UL/CSA工作电压 500V

Working voltage acc.to UL/CSA

可拔插次数 ≥ 500

Mechanical working life-mating cycles

接插针/Contacts

材料/Material 铜/Copper alloy

表面处理/Surface 镀银/Hard silver-plated

镀金/Hard gold-plated

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

接线形式/Terminal 冷压压接/Crimp terminal

卷皮针式冷压接/Rolled terminal

-mm² 0.14-2.5mm²

-AWG 26-14

金属上壳, 底座/Hoods,Housings

材料/Material 铸铝合金/Die cast aluminium

表面处理/Surface 高温粉末镀层/Powder-coated

(灰色RAL 7037)

锁定装置/Locking element 不锈钢或铁镀锌

Stainless steel,steel-zinc plated

工作温度范围 -40°C...+125°C

Temperature range

防护等级 IP65

Degree of protection acc.to DIN40 050

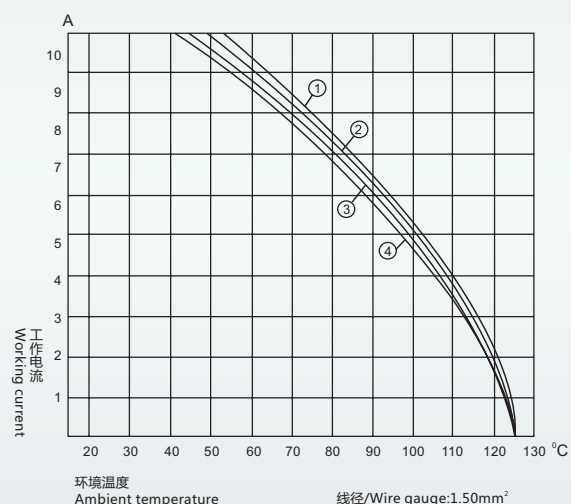
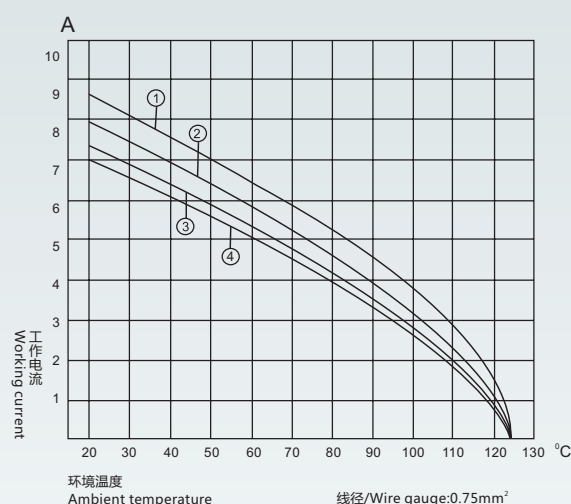
电流负载能力/Current carrying capacity

电流负载能力所受的限制主要来自于包含接插针的接插体可承受的最大温度。

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

测试和控制过程依据DIN IEC 60512-3

Control and test procedures according to DIN IEC 60512-3



①HDD-024

②HDD-042

③HDD-072

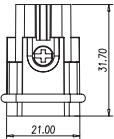
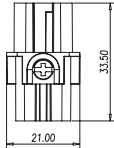
④HDD-108

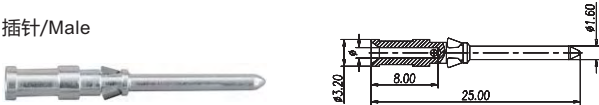
芯件适配H3A外壳
Inserts suit for H3A Hood/housing

7+ 
8+ 

250V/50V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)	订货号/Order NO.		型号 Type
	公接插件/Male insert	母接插件/Female insert	
250V/10A  接插针排序/Contact arrangement view from termination side M F 	2 02 007 2101	2 02 007 2201	HD-007-M HD-007-F
	2 02 008 2101	2 02 008 2201	HD-008-M HD-008-F



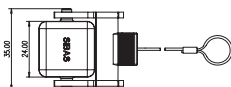
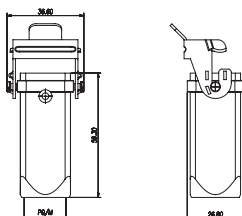
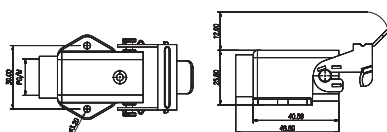
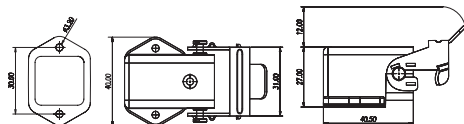
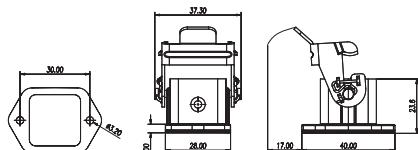
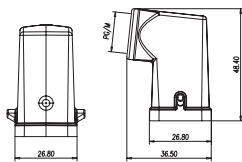
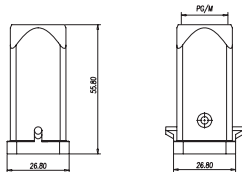
线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025



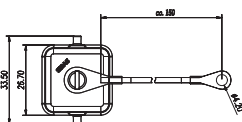
线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)



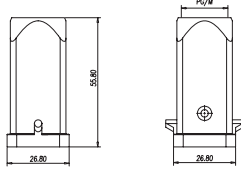
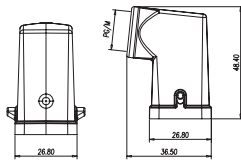
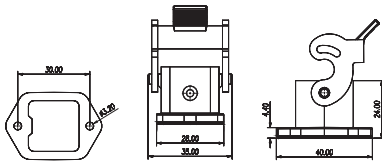
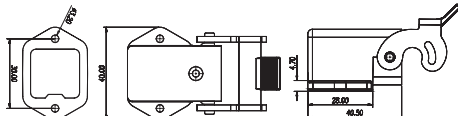
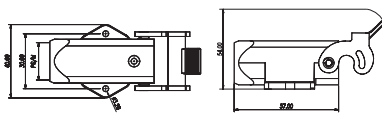
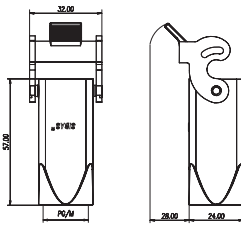
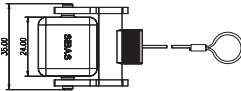
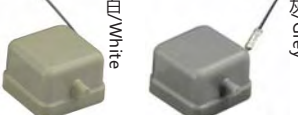
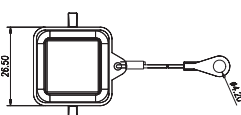
备注
No.



Metr.	PG	型号/Type	订货号/Order NO.
M20	PG11	H3A-MTG-PG11 H3A-MTG-M20	1 32 903 0111 1 32 903 0120
M20	PG11	H3A-MTS-PG11 H3A-MTS-M20	1 31 903 0111 1 31 903 0120
M16 M20	PG11	H3A-MAG	1 50 903 0000
		H3A-MAGS	1 54 903 0000
		H3A-MAGSV-PG11 H3A-MAGSV-M16 H3A-MAGSV-M20	1 61 903 0111 1 61 903 0116 1 61 903 0120
M20	PG11	H3A-MTGVB-PG11 H3A-MTGVB-M20	1 73 903 0111 1 73 903 0120
		H3A-KDTP	1 01 003 1100
		H3A-KDB	1 01 003 3100

塑料外壳

Thermoplastic hoods,housings

外型尺寸(mm)/Dimensions(mm)	Metr.	PG	型号/Type	订货号/Order NO.
顶部进线/Top entry  	M20	PG11	H3A-TG-PG11 H3A-TG-M20	1 32 903 1111 1 32 903 1120
侧面进线/Side entry  	M20	PG11	H3A-TS-PG11 H3A-TS-M20	1 31 903 1111 1 31 903 1120
开孔安装 Bulkhead mounting:Bottom entry  			H3A-AG	1 50 903 1100
开孔安装 (侧出形式) Bulkhead mounting:Side entry  			H3A-AGS	1 54 903 1111
表面安装(侧面形式) Surface mounting:Side entry  	M16 M20	PG11	H3A-AGSV-PG11 H3A-AGSV-M16 H3A-AGSV-M20	1 61 903 1111 1 61 903 1116 1 61 903 1120
电缆对接下壳/Cable-to-cable hood:  	M20	PG11	H3A-TGVB-PG11 H3A-TGVB-M20	1 73 903 1111 1 73 903 1120
上壳保护盖 Protection covers for hoods   备注:适配公插+上壳 Note: For mounted male insert and hood			H3A-KDTP	1 01 003 1100
底座保护盖 Protection covers for hoods   备注:适配公插+下壳 Note: For mounted male insert and housings			H3A-KDBP(白/White) H3A-KDBPG(灰/Grey)	1 01 003 2100 1 01 003 2300

HD
HDD

HD-015 接插体 /HD-015 inserts



芯件适配H10A外壳

Inserts suit for H10A Hood/housing

15+⊕ (车针/Turning contacts)

250V 10A

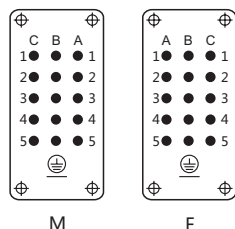
HD
HDD

外型尺寸(mm)/Dimensions(mm)

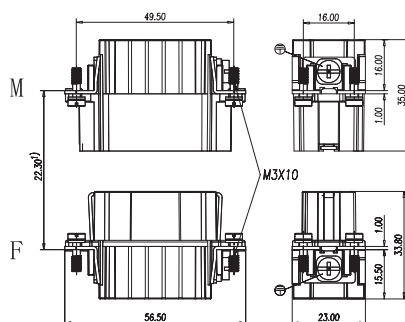
冷压接 (冷压针需单独订购)
Crimp terminal(Ordor crimp
contacts separately)



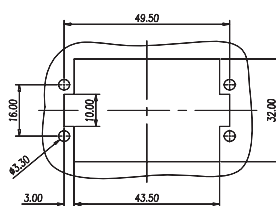
接插针排序/Contact arrangement
view from termination side



1)接插体之间最大距离24mm
Distance for contact max.24mm



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings



订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号
Type

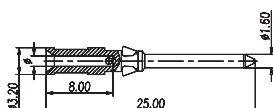
2 02 015 2101

HD-015-M

2 02 015 2201

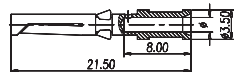
HD-015-F

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

HD-015 接插体 /HD-015 inserts



芯件适配H10A外壳
Inserts suit for H10A Hood/housing

15+⊕ (冷压针:卷针/Rolled contacts)

250V 10A

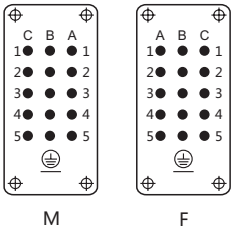
HD
HDD

外型尺寸(mm)/Dimensions(mm)

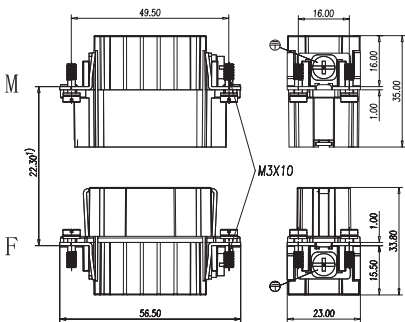
卷皮式冷压接 (冷压针需单独订购)
Rolled crimp contacts(Order crimp contacts separately)



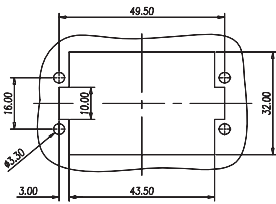
接插针排序/Contact arrangement
view from termination side



1)接插体之间最大距离24mm
Distance for contact max.24mm

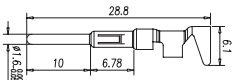


不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use without hoods/housings



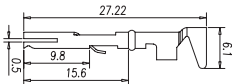
订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 02 015 2101		HD-015-M
	2 02 015 3201	HD-015-FJ

插针/Male



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJM-14	2 20 000 1005	DJM-14	2 20 001 1005
0.5-1.5mm ²	AWG20-16	CJM-50	2 20 000 1010	DJM-50	2 20 001 1010
1.5-2.5mm ²	AWG16-14	CJM-150	2 20 000 1025	DJM-150	2 20 001 1025

插孔/Female



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJF-14	2 20 000 2005	DJF-14	2 20 001 2005
0.5-1.5mm ²	AWG20-16	CJF-50	2 20 000 2010	DJF-50	2 20 001 2010
1.5-2.5mm ²	AWG16-14	CJF-150	2 20 000 2025	DJF-150	2 20 001 2025

H10A 金属外壳 /H10A metal hoods,housings



表面粉末镀层, RAL 7037
Powder-coated,RAL 7037

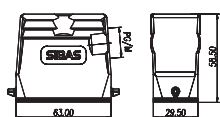
HD
HDD

外型尺寸(mm)/Dimensions(mm)

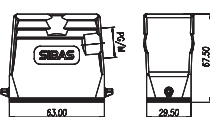
外壳上壳:侧面进线
Hood:Side entry



低结构/Low construction



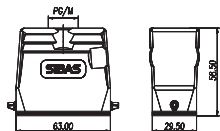
高结构/High construction



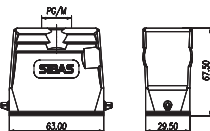
外壳上壳:顶部进线
Hood:Top entry



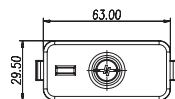
低结构/Low construction



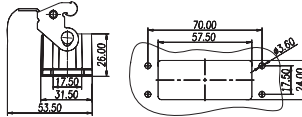
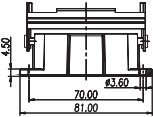
高结构/High construction



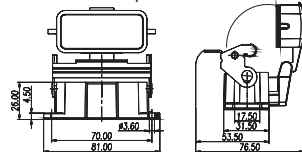
上壳保护盖
Protection covers for hoods



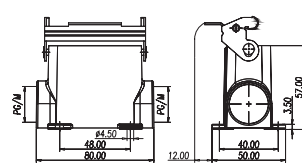
外壳底座:开孔安装
Bulkhead mounted



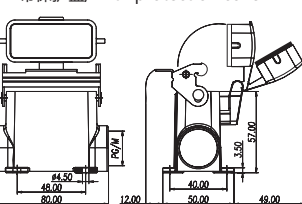
带保护盖/With protection cover



外壳底座:表面安装
Surface mounted:Side entry



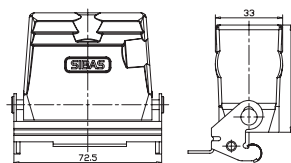
带保护盖/With protection cover



电缆对接下壳
Cable-to-cable hood



	H
低结构/Low construction	52.6
高结构/Low construction	66.6



 Metr.	 PG	型号/Type	订货号/Order NO.
M20 M25	PG16 PG21	H10A-TS-PG16	1 31 910 0116
		H10A-TS-PG21	1 31 910 0121
		H10A-TS-M20	1 31 910 0120
		H10A-TS-M25	1 31 910 0125
M25	PG21	H10A-TSH-PG21	1 33 910 0121
		H10A-TSH-M25	1 33 910 0125
M20 M25	PG16 PG21	H10A-TG-PG16	1 32 910 0116
		H10A-TG-PG21	1 32 910 0121
		H10A-TG-M20	1 32 910 0120
		H10A-TG-M25	1 32 910 0125
M25	PG21	H10A-TGH-PG21	1 34 910 0121
		H10A-TGH-M25	1 34 910 0125
		H10A-KDT	1 01 910 1001
		H10A-AG	1 50 910 0000
		H10A-AD	1 51 910 0000
M20 M25	PG16 PG21	H10A-SGR-PG16	1 61 910 0116
		H10A-SGR-PG21	1 61 910 0121
		H10A-SGR-M20	1 61 910 0120
		H10A-SGR-M25	1 61 910 0125
M20 M25	PG16 PG21	H10A-SGR-2PG16	1 61 910 0216
		H10A-SGR-2PG21	1 61 910 0221
		H10A-SGR-2M20	1 61 910 0220
		H10A-SGR-2M25	1 61 910 0225
M20 M25	PG16 PG21	H10A-SDR-PG16	1 62 910 0116
		H10A-SDR-PG21	1 62 910 0121
		H10A-SDR-M20	1 62 910 0120
		H10A-SDR-M25	1 62 910 0125
M20 M25	PG16 PG21	H10A-SDR-2PG16	1 62 910 0216
		H10A-SDR-2PG21	1 62 910 0221
		H10A-SDR-2M20	1 62 910 0220
		H10A-SDR-2M25	1 62 910 0225
M20 M25	PG16	H10A-TBF-PG16	1 73 910 0116
		H10A-TBF-M20	1 73 910 0120
		H10A-TBF-M25	1 73 910 0125
		PG21	H10A-TBFH-PG21
H10A-TBFH-M25	1 77 916 0125		

HD-025 接插体 /HD-025 inserts



芯件适配H16A外壳

Inserts suit for H16A Hood/housing

25+⊕ (车针/Turning contacts)

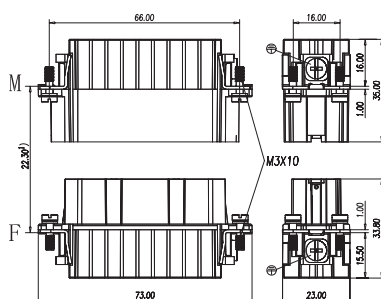
250V 10A

HD
HDD

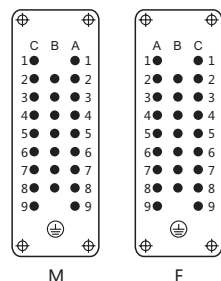
外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Ordor crimp
contacts separately)

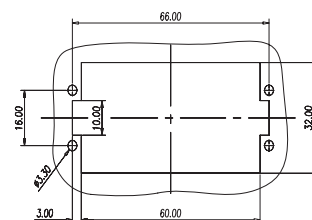
1)接插体之间最大距离24mm
Distance for contact max.24mm



接插针排序/Contact arrangement
view from termination side



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings



订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号
Type

2 02 025 2101

HD-025-M

2 02 025 2201

HD-025-F

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

HD-025 接插体 /HD-025 inserts



芯件适配H16A外壳

Inserts suit for H16A Hood/housing

25+⊕ (冷压针:卷针/Rolled contacts)

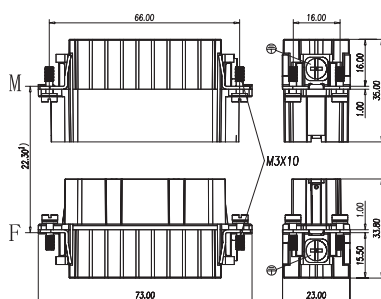
250V 10A

HD
HDD

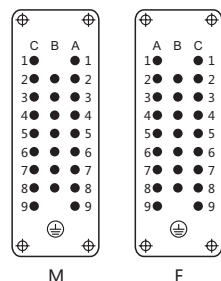
外型尺寸(mm)/Dimensions(mm)

卷皮式冷压接 (冷压针需单独订购)
Cage-clamp terminal(Order crimp contacts separately)

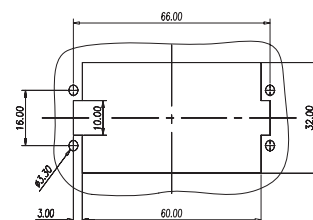
1)接插体之间最大距离24mm
Distance for contact max.24mm



接插针排序/Contact arrangement
view from termination side



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings



订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号
Type

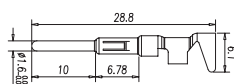
2 02 025 2101

HD-025-M

2 02 025 3201

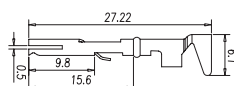
HD-025-FJ

插针/Male



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJM-14	2 20 000 1005	DJM-14	2 20 001 1005
0.5-1.5mm ²	AWG20-16	CJM-50	2 20 000 1010	DJM-50	2 20 001 1010
1.5-2.5mm ²	AWG16-14	CJM-150	2 20 000 1025	DJM-150	2 20 001 1025

插孔/Female



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJF-14	2 20 000 2005	DJF-14	2 20 001 2005
0.5-1.5mm ²	AWG20-16	CJF-50	2 20 000 2010	DJF-50	2 20 001 2010
1.5-2.5mm ²	AWG16-14	CJF-150	2 20 000 2025	DJF-150	2 20 001 2025

H16A 金属外壳 /H16A metal hoods,housings



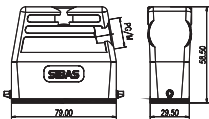
表面粉末镀层, RAL 7037
Powder-coated,RAL 7037

外型尺寸(mm)/Dimensions(mm)

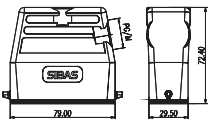
外壳上壳:侧面进线
Hood:Side entry



低结构/Low construction



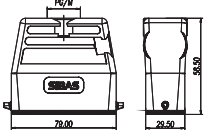
高结构/High construction



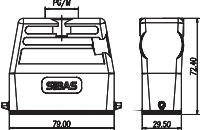
外壳上壳:顶部进线
Hood:Top entry



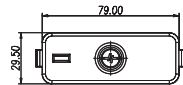
低结构/Low construction



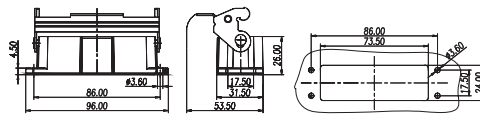
高结构/High construction



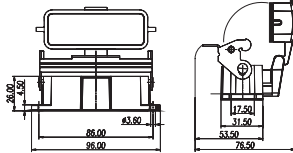
上壳保护盖
Protection covers for hoods



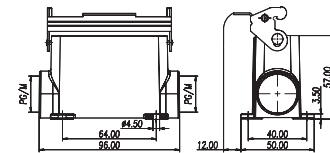
外壳底座:开孔安装
Bulkhead mounted



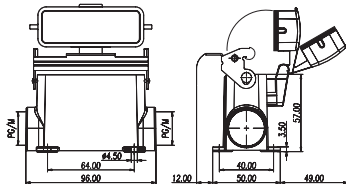
带保护盖/With protection cover



外壳底座:表面安装
Surface mounted:Side entry



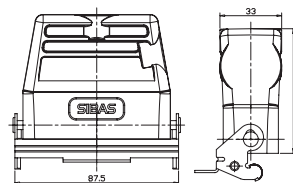
带保护盖/With protection cover



电缆对接下壳
Cable-to-cable hood



	H
低结构/Low construction	66.6
高结构/High construction	80.6



Metr.	PG	型号/Type	订货号/Order NO.
M20 M25	PG16 PG21	H16A-TS-PG16	1 31 916 0116
		H16A-TS-PG21	1 31 916 0121
		H16A-TS-M20	1 31 916 0120
		H16A-TS-M25	1 31 916 0125
M25	PG21	H16A-TSH-PG21	1 33 916 0121
		H16A-TSH-M25	1 33 916 0125
M20 M25	PG16 PG21	H16A-TG-PG16	1 32 916 0116
		H16A-TG-PG21	1 32 916 0121
		H16A-TG-M20	1 32 916 0120
		H16A-TG-M25	1 32 916 0125
M25	PG21	H16A-TGH-PG21	1 34 916 0121
		H16A-TGH-M25	1 34 916 0125
		H16A-KDT	1 01 916 1001
		H16A-AG	1 50 916 0000
		H16A-AD	1 51 916 0000
M20 M25	PG16 PG21	H16A-SGR-PG16	1 61 916 0116
		H16A-SGR-PG21	1 61 916 0121
		H16A-SGR-M20	1 61 916 0120
		H16A-SGR-M25	1 61 916 0125
M20 M25	PG16 PG21	H16A-SGR-2PG16	1 61 916 0216
		H16A-SGR-2PG21	1 61 916 0221
		H16A-SGR-2M20	1 61 916 0220
		H16A-SGR-2M25	1 61 916 0225
M20 M25	PG16 PG21	H16A-SDR-PG16	1 62 916 0116
		H16A-SDR-PG21	1 62 916 0121
		H16A-SDR-M20	1 62 916 0120
		H16A-SDR-M25	1 62 916 0125
M20 M25	PG16 PG21	H16A-SDR-2PG16	1 62 916 0216
		H16A-SDR-2PG21	1 62 916 0221
		H16A-SDR-2M20	1 62 916 0220
		H16A-SDR-2M25	1 62 916 0225
M20 M25	PG16 PG21	H16A-TBF-PG16	1 73 916 0116
		H16A-TBF-M20	1 73 916 0120
		H16A-TBF-M25	1 73 916 0125
		H16A-TBFH-PG21	1 77 916 0121
M25	PG21	H16A-TBFH-M25	1 77 916 0125

HD
HDD

保留型号, 参数及尺寸更改权力

All specifications subject to change.Consult us for latest design specifications

HD-050 接插体 /HD-050 inserts



芯件适配H32A外壳
Inserts suit for H32A Hood/housing

50+ (25x2) (车针/Turning contacts)

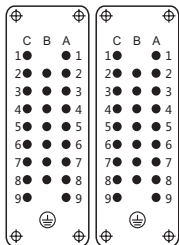
250V 10A

HD
HDD

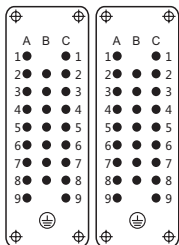
外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp contacts separately)

接插针排序/Contact arrangement view from termination side



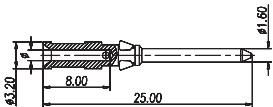
M



F

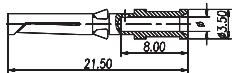
订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 02 025 2101 2 02 050 2101		HD-025-M(1-25) HD-025-M(26-50)
	2 02 025 2201 2 02 050 2201	HD-025-F(1-25) HD-025-F(26-50)

插针/Male



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14 2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5 2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75 2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0 2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5 2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5 2 02 000 1025	DDM-2.5	2 02 001 1025

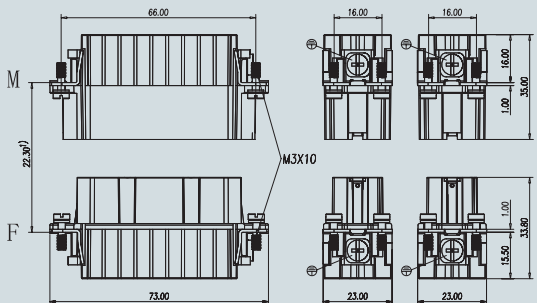
插孔/Female



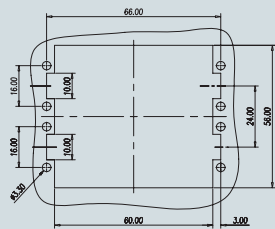
线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14 2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5 2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75 2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0 2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5 2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5 2 02 000 2025	DDF-2.5	2 03 001 2025

1)接插体之间最大距离24mm/Distance for contact max.24mm

冷压接/Crimp terminal



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use without hoods/housings



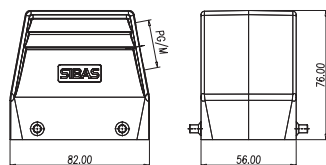
H32A 金属外壳 /H32A metal hoods,housings



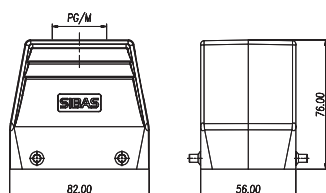
表面粉末镀层, RAL 7037
Powder-coated,RAL 7037

外型尺寸(mm)/Dimensions(mm)

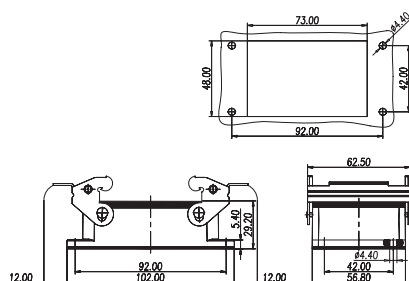
外壳上壳:侧面进线
Hood:Side entry



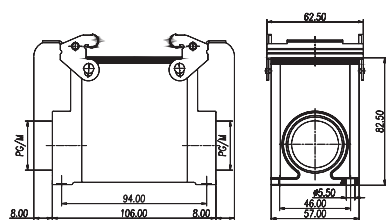
外壳上壳:顶部进线
Hood:Top entry



外壳底座:开孔安装
Bulkhead mounted



外壳底座:表面安装
Surface mounted:Side entry



1 并接尺寸
1 Side entry
2 并接尺寸
2 Side entry

Metr.	PG	型号/Type	订货号/Order NO.
M25 M32 M40	PG21 PG29 PG36	H32A-TS-PG21	1 31 932 0121
		H32A-TS-PG29	1 31 932 0129
		H32A-TS-PG36	1 31 932 0136
		H32A-TS-M25	1 31 932 0125
		H32A-TS-M32	1 31 932 0132
		H32A-TS-M40	1 31 932 0140
M25 M32 M40	PG21 PG29 PG36	H32A-TG-PG21	1 32 932 0121
		H32A-TG-PG29	1 32 932 0129
		H32A-TG-PG36	1 32 932 0136
		H32A-TG-M25	1 32 932 0125
		H32A-TG-M32	1 32 932 0132
		H32A-TG-M40	1 32 932 0140
		H32A-AG	1 41 932 0000
M25 M32	PG21 PG29	H32A-SGR-PG21	1 44 932 0121
		H32A-SGR-PG29	1 44 932 0129
		H32A-SGR-M25	1 44 932 0125
		H32A-SGR-M32	1 44 932 0132
		H32A-SGR-2PG21	1 44 932 0221
M25 M32	PG21 PG29	H32A-SGR-2PG29	1 44 932 0229
		H32A-SGR-2M25	1 44 932 0225
		H32A-SGR-2M32	1 44 932 0232

HD
HDD

HDD-016 接插体 /HDD-016 inserts

芯件适配H6B外壳

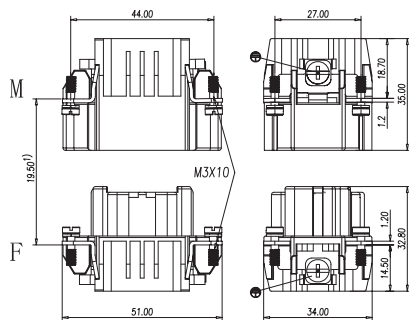
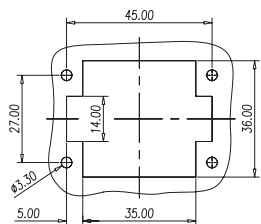
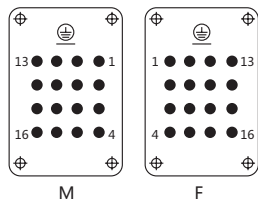
Inserts suit for H6B Hood/housing

16+⊕ (车针/Turning contacts)

250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Ordor crimp
contacts separately)1)接插体之间最大距离24mm
Distance for contact max.24mm不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings接插针排序/Contact arrangement
view from termination side

订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号

Type

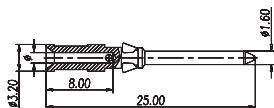
2 03 016 2101

HDD-016-M

2 03 016 2201

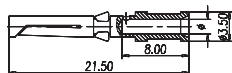
HDD-016-F

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

HDD-024 接插体 /HDD-024 inserts

芯件适配H6B外壳

Inserts suit for H6B Hood/housing

24+⊕ (车针/Turning contacts)

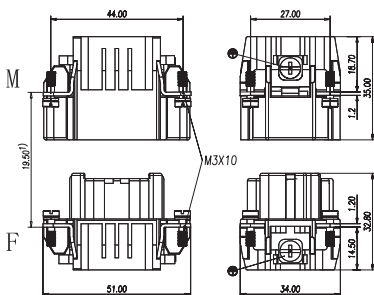
250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

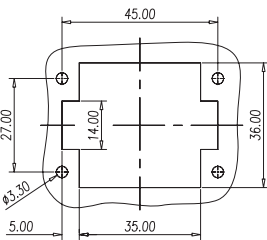
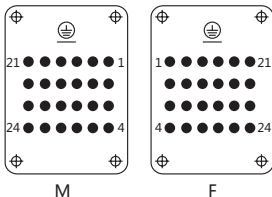
冷压接 (冷压针需单独订购)
Crimp terminal(Ordor crimp
contacts separately)

1)接插体之间最大距离24mm
Distance for contact max.24mm

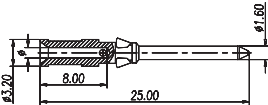


不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings

接插针排序/Contact arrangement
view from termination side

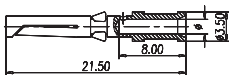


插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

HDD-024 接插体 /HDD-024 inserts

芯件适配H6B外壳

Inserts suit for H6B Hood/housing

24+⊕ (冷压针:卷针/Rolled contacts)

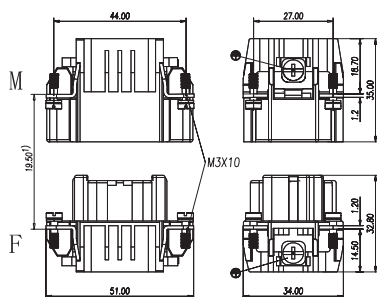
250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

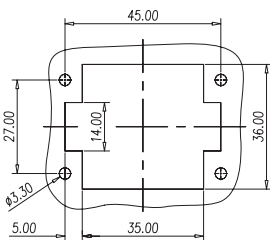
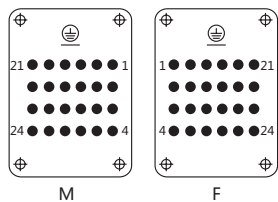
卷皮式冷压接 (冷压针需单独订购)
Rolled crimp contacts(Order crimp
contacts separately)

1)接插体之间最大距离24mm
Distance for contact max.24mm



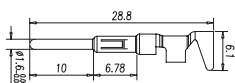
不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings

接插针排序/Contact arrangement
view from termination side



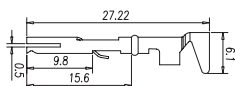
订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 03 024 2101		HDD-024-M
	2 03 024 3201	HDD-024-FJ

插针/Male



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJM-14	2 20 000 1005	DJM-14	2 20 001 1005
0.5-1.5mm ²	AWG20-16	CJM-50	2 20 000 1010	DJM-50	2 20 001 1010
1.5-2.5mm ²	AWG16-14	CJM-150	2 20 000 1025	DJM-150	2 20 001 1025

插孔/Female



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJF-14	2 20 000 2005	DJF-14	2 20 001 2005
0.5-1.5mm ²	AWG20-16	CJF-50	2 20 000 2010	DJF-50	2 20 001 2010
1.5-2.5mm ²	AWG16-14	CJF-150	2 20 000 2025	DJF-150	2 20 001 2025

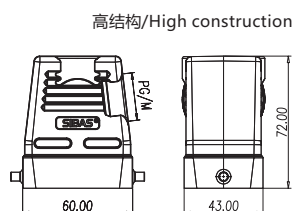
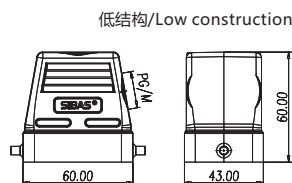
H6B 带单扣外壳 |H6B with 1 lever on the hoods/housings



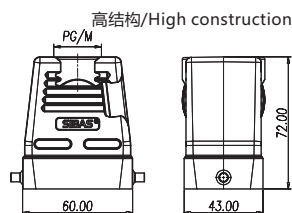
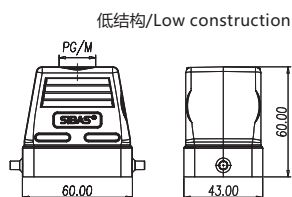
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

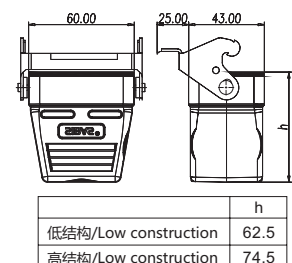
外壳上壳:侧面进线
Hood:Side entry



外壳上壳:顶部进线
Hood:Top entry

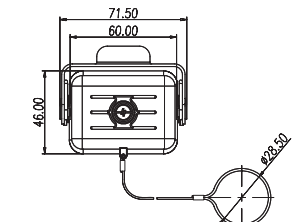


电缆对接下壳
Cable-to-cable hood



低结构
Low construction
高结构
High construction

上壳保护壳
Protection covers for hoods



Metr.	PG	型号/Type	订货号/Order NO.
M20 M25	PG16 PG21	H6B-TS-PG16	1 31 006 0116
		H6B-TS-PG21	1 31 006 0121
		H6B-TS-M20	1 31 006 0120
		H6B-TS-M25	1 31 006 0125
M20 M25 M32	PG21 PG29	H6B-TSH-PG21	1 33 006 0121
		H6B-TSH-PG29	1 33 006 0129
		H6B-TSH-M20	1 33 006 0120
		H6B-TSH-M25	1 33 006 0125
		H6B-TSH-M32	1 33 006 0132
M20 M25	PG16 PG21	H6B-TG-PG16	1 32 006 0116
		H6B-TG-PG21	1 32 006 0121
		H6B-TG-M20	1 32 006 0120
		H6B-TG-M25	1 32 006 0125
M20 M25 M32	PG21 PG29	H6B-TGH-PG21	1 34 006 0121
		H6B-TGH-PG29	1 34 006 0129
		H6B-TGH-M20	1 34 006 0120
		H6B-TGH-M25	1 34 006 0125
		H6B-TGH-M32	1 34 006 0132
M20 M25 M32	PG16	H6B-TBF-PG16	1 73 006 3116
		H6B-TBF-M20	1 73 006 3120
		H6B-TBF-M25	1 73 006 3125
	PG21 PG29	H6B-TBFH-PG21	1 77 006 3121
		H6B-TBFH-PG29	1 77 006 3129
		H6B-TBFH-M20	1 77 006 3120
		H6B-TBFH-M25	1 77 006 3125
		H6B-TBFH-M32	1 77 006 3132
		H6B-KDTP	1 01 006 1400

HD
HDD

H6B 带单扣外壳 |H6B with 1 lever on the hoods/housings

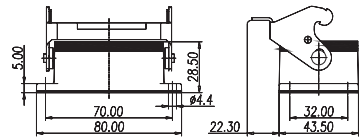


表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

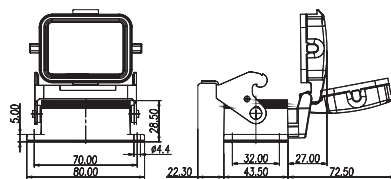
HD
HDD

外型尺寸(mm)/Dimensions(mm)

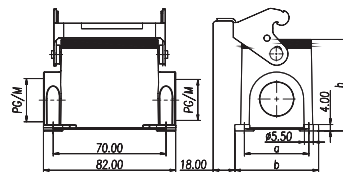
外壳底座:开孔安装
Bulkhead mounted



带保护盖/With protection cover



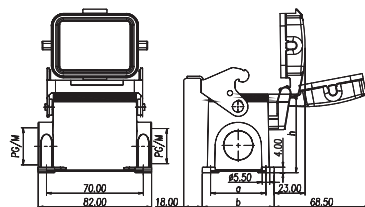
外壳底座:表面安装
Surface mounted:Side entry



	a	b	h
低结构/Low construction	40	52	51
高结构/Low construction	45	57	74



带保护盖/With protection cover



	a	b	h
低结构/Low construction	40	52	51
高结构/Low construction	45	57	74

Metr.	PG	型号/Type	订货号/Order NO.
		H6B-AG	1 50 006 0000
		H6B-AD	1 51 006 0000
M20 M25	PG16 PG21	1 类侧入口 1 Side entry	H6B-SGR-PG16 1 61 006 0116
		2 类侧入口 2 Side entry	H6B-SGR-PG21 1 61 006 0121
		1 类侧入口 1 Side entry	H6B-SGR-M20 1 61 006 0120
		2 类侧入口 2 Side entry	H6B-SGR-M25 1 61 006 0125
		1 类侧入口 1 Side entry	H6B-SGR-2PG16 1 61 006 0216
		2 类侧入口 2 Side entry	H6B-SGR-2PG21 1 61 006 0221
	PG16 PG21	1 类侧入口 1 Side entry	H6B-SGR-2M20 1 61 006 0220
		2 类侧入口 2 Side entry	H6B-SGR-2M25 1 61 006 0225
		1 类侧入口 1 Side entry	H6B-SGRH-PG21 1 65 006 0121
		2 类侧入口 2 Side entry	H6B-SGRH-PG29 1 65 006 0129
		1 类侧入口 1 Side entry	H6B-SGRH-M25 1 65 006 0125
		2 类侧入口 2 Side entry	H6B-SGRH-M32 1 65 006 0132
	PG21 PG29	1 类侧入口 1 Side entry	H6B-SGRH-2PG21 1 65 006 0221
		2 类侧入口 2 Side entry	H6B-SGRH-2PG29 1 65 006 0229
		1 类侧入口 1 Side entry	H6B-SGRH-2M25 1 65 006 0225
		2 类侧入口 2 Side entry	H6B-SGRH-2M32 1 65 006 0232
	PG16 PG21	1 类侧入口 1 Side entry	H6B-SDR-PG16 1 62 006 0116
		2 类侧入口 2 Side entry	H6B-SDR-PG21 1 62 006 0121
		1 类侧入口 1 Side entry	H6B-SDR-M20 1 62 006 0120
		2 类侧入口 2 Side entry	H6B-SDR-M25 1 62 006 0125
		1 类侧入口 1 Side entry	H6B-SDR-2PG16 1 62 006 0216
		2 类侧入口 2 Side entry	H6B-SDR-2PG21 1 62 006 0221
	PG16 PG21	1 类侧入口 1 Side entry	H6B-SDR-2M20 1 62 006 0220
		2 类侧入口 2 Side entry	H6B-SDR-2M25 1 62 006 0225
		1 类侧入口 1 Side entry	H6B-SDRH-PG21 1 66 006 0121
		2 类侧入口 2 Side entry	H6B-SDRH-PG29 1 66 006 0129
		1 类侧入口 1 Side entry	H6B-SDRH-M25 1 66 006 0125
		2 类侧入口 2 Side entry	H6B-SDRH-M32 1 66 006 0132
	PG21 PG29	1 类侧入口 1 Side entry	H6B-SDRH-2PG21 1 66 006 0221
		2 类侧入口 2 Side entry	H6B-SDRH-2PG29 1 66 006 0229
		1 类侧入口 1 Side entry	H6B-SDRH-2M25 1 66 006 0225
		2 类侧入口 2 Side entry	H6B-SDRH-2M32 1 66 006 0232

芯件适配H10B外壳

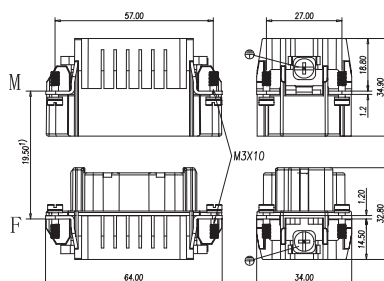
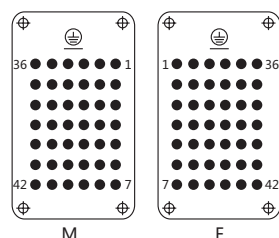
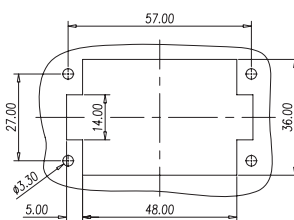
Inserts suit for H10B Hood/housing

42+⊕ (车针/Turning contacts)

250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Ordor crimp
contacts separately)1)接插体之间最大距离24mm
Distance for contact max.24mm接插针排序/Contact arrangement
view from termination side不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings

订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号

Type

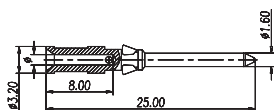
2 03 042 2101

HDD-042-M

2 03 042 2201

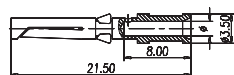
HDD-042-F

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female

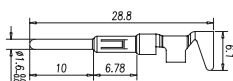


线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

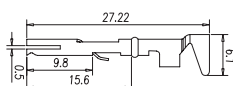
Inserts suit for H10B Hood/housing

250V 10A

HD
HDD

插针/Male

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	4.0mm	CJF-14	2 20 000 2005	DJF-14	2 20 001 2005
0.5-1.5mm ²	AWG20-16	4.0mm	CJF-50	2 20 000 2010	DJF-50	2 20 001 2010
1.5-2.5mm ²	AWG16-14	4.0mm	CJF-150	2 20 000 2025	DJF-150	2 20 001 2025

H10B 带双扣外壳 |H10B with 2 levers on the hoods/housings



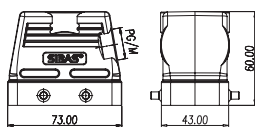
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

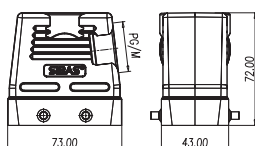
外壳上壳:侧面进线
Hood:Side entry



低结构/Low construction



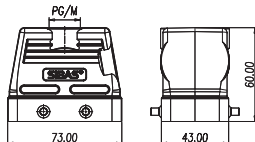
高结构/High construction



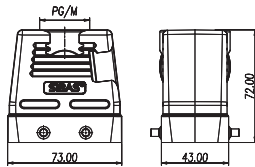
外壳上壳:顶部进线
Hood:Top entry



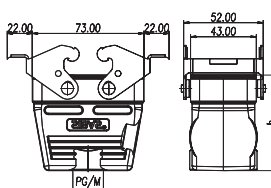
低结构/Low construction



高结构/High construction



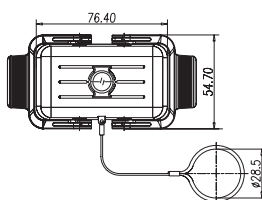
电缆对接下壳
Cable-to-cable hood



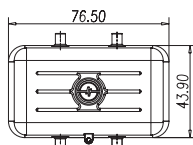
	h
低结构/Low construction	62.5
高结构/High construction	74.5

低结构
Low construction
高结构
High construction

上壳保护壳
Protection covers for hoods



底座保护壳
Housing protection cover



Metr.	PG	型号/Type	订货号/Order NO.
M20 M25	PG16 PG21	H10B-TS-PG16	1 21 010 0116
		H10B-TS-PG21	1 21 010 0121
		H10B-TS-M20	1 21 010 0120
		H10B-TS-M25	1 21 010 0125
M20 M25 M32	PG21 PG29	H10B-TSH-PG21	1 23 010 0121
		H10B-TSH-PG29	1 23 010 0129
		H10B-TSH-M20	1 23 010 0120
		H10B-TSH-M25	1 23 010 0125
		H10B-TSH-M32	1 23 010 0132
M20 M25	PG16 PG21	H10B-TG-PG16	1 22 010 0116
		H10B-TG-PG21	1 22 010 0121
		H10B-TG-M20	1 22 010 0120
		H10B-TG-M25	1 22 010 0125
M20 M25 M32	PG21 PG29	H10B-TGH-PG21	1 24 010 0121
		H10B-TGH-PG29	1 24 010 0129
		H10B-TGH-M20	1 24 010 0120
		H10B-TGH-M25	1 24 010 0125
		H10B-TGH-M32	1 24 010 0132
M20 M25	PG16	H10B-TBF-PG16	1 71 010 0116
		H10B-TBF-M20	1 71 010 0120
		H10B-TBF-M25	1 71 010 0125
	PG21 PG29	H10B-TBFH-PG21	1 75 010 0121
		H10B-TBFH-PG29	1 75 010 0129
		H10B-TBFH-M25	1 75 010 0125
M25		H10B-TBFH-M32	1 75 010 0132
		H10B-KDTP	1 01 010 1400
		H10B-KDBP	1 01 010 2100

HD
HDD

H10B 带双扣外壳 | H10B with 2 levers on the hoods/housings

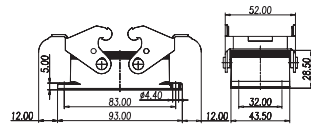


表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

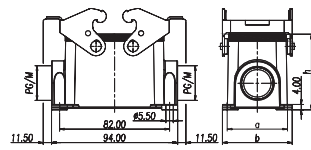
HD
HDD

外型尺寸(mm)/Dimensions(mm)

外壳底座:开孔安装
Bulkhead mounted



外壳底座:表面安装
Surface mounted:Side entry

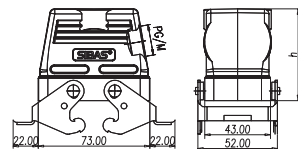


	a	b	h
低结构/Low construction	40	52	54
高结构/Low construction	45	57	74

1. 侧入口 1 Side entry
2. 侧入口 2 Side entry
低结构 Low construction
高结构 High construction

Metr.	PG	型号/Type	订货号/Order NO.
		H10B-AG	1 41 010 0000
M20	PG16	H10B-SGR-PG16	1 44 010 0116
M25	PG21	H10B-SGR-PG21	1 44 010 0121
		H10B-SGR-M20	1 44 010 0120
		H10B-SGR-M25	1 44 010 0125
	PG16	H10B-SGR-2PG16	1 44 010 0216
	PG21	H10B-SGR-2PG21	1 44 010 0221
M20		H10B-SGR-2M20	1 44 010 0220
M25		H10B-SGR-2M25	1 44 010 0225
	PG21	H10B-SGRH-PG21	1 47 010 0121
	PG29	H10B-SGRH-PG29	1 47 010 0129
M25		H10B-SGRH-M25	1 47 010 0125
M32		H10B-SGRH-M32	1 47 010 0132
	PG21	H10B-SGRH-2PG21	1 47 010 0221
	PG29	H10B-SGRH-2PG29	1 47 010 0229
M25		H10B-SGRH-2M25	1 47 010 0225
M32		H10B-SGRH-2M32	1 47 010 0232

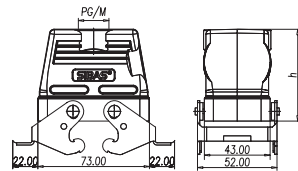
侧出带双扣上壳
Side entry housing with two levers



	h
低结构/Low construction	60
高结构/Low construction	72

低结构 Low construction
高结构 High construction

顶出带双扣上壳
Top entry housing with two levers

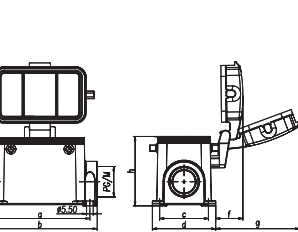
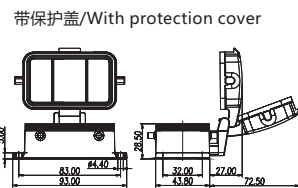


	h
低结构/Low construction	60
高结构/Low construction	72

低结构 Low construction
高结构 High construction

M20	PG16	H10B-TSB-PG16	1 25 010 0116
M25	PG21	H10B-TSB-PG21	1 25 010 0121
		H10B-TSB-M20	1 25 010 0120
		H10B-TSB-M25	1 25 010 0125
	PG21	H10B-TSBH-PG21	1 27 010 0121
	PG29	H10B-TSBH-PG29	1 27 010 0129
M25		H10B-TSBH-M25	1 27 010 0125
M32		H10B-TSBH-M32	1 27 010 0132
	PG16	H10B-TGB-PG16	1 26 010 0116
	PG21	H10B-TGB-PG21	1 26 010 0121
M20		H10B-TGB-M20	1 26 010 0120
M25		H10B-TGB-M25	1 26 010 0125
	PG21	H10B-TGBH-PG21	1 28 010 0121
	PG29	H10B-TGBH-PG29	1 28 010 0129
M25		H10B-TGBH-M25	1 28 010 0125
M32		H10B-TGBH-M32	1 28 010 0132

四耳带盖开孔底座
Bulkhead mounting with 4 bolts



	a	b	c	d	f	g	h
低结构/Low construction	82	94	40	52	22	67	54
高结构/Low construction	82	94	45	57	20	65	74

1. 侧入口 1 Side entry
2. 侧入口 2 Side entry
低结构 Low construction
高结构 High construction

		H10B-AD-BO	1 43 010 0000
M20	PG16	H10B-SDR-BO-PG16	1 46 010 0116
M25	PG21	H10B-SDR-BO-PG21	1 46 010 0121
		H10B-SDR-BO-M20	1 46 010 0120
		H10B-SDR-BO-M25	1 46 010 0125
	PG16	H10B-SDR-BO-2PG16	1 46 010 0216
	PG21	H10B-SDR-BO-2PG21	1 46 010 0221
M20		H10B-SDR-BO-2M20	1 46 010 0220
M25		H10B-SDR-BO-2M25	1 46 010 0225
	PG21	H10B-SDRH-BO-PG21	1 49 010 0121
	PG29	H10B-SDRH-BO-PG29	1 49 010 0129
M25		H10B-SDRH-BO-M25	1 49 010 0125
M32		H10B-SDRH-BO-M32	1 49 010 0132
	PG21	H10B-SDRH-BO-2PG21	1 49 010 0221
	PG29	H10B-SDRH-BO-2PG29	1 49 010 0229
M25		H10B-SDRH-BO-2M25	1 49 010 0225
M32		H10B-SDRH-BO-2M32	1 49 010 0232

H10B 带单扣外壳 | H10B with 1 levers on the hoods/housings



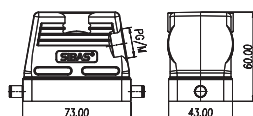
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

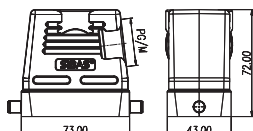
外壳上壳:侧面进线
Hood:Side entry



低结构/Low construction



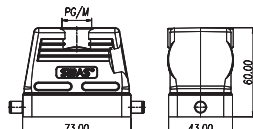
高结构/High construction



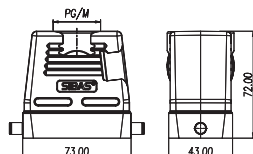
外壳上壳:顶部进线
Hood:Top entry



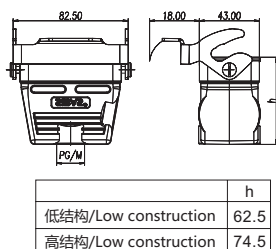
低结构/Low construction



高结构/High construction



电缆对接下壳
Cable-to-cable hood



低结构
Low construction
高结构
High construction

上壳保护壳
Protection covers for hoods



Metr.	PG	型号/Type	订货号/Order NO.
M20 M25	PG16 PG21	H10B-TS-RO-PG16	1 31 010 0116
		H10B-TS-RO-PG21	1 31 010 0121
		H10B-TS-RO-M20	1 31 010 0120
		H10B-TS-RO-M25	1 31 010 0125
M20 M25 M32	PG21 PG29	H10B-TSH-RO-PG21	1 33 010 0121
		H10B-TSH-RO-PG29	1 33 010 0129
		H10B-TSH-RO-M20	1 33 010 0120
		H10B-TSH-RO-M25	1 33 010 0125
		H10B-TSH-RO-M32	1 33 010 0132
M20 M25	PG16 PG21	H10B-TG-RO-PG16	1 32 010 0116
		H10B-TG-RO-PG21	1 32 010 0121
		H10B-TG-RO-M20	1 32 010 0120
		H10B-TG-RO-M25	1 32 010 0125
M20 M25 M32	PG21 PG29	H10B-TGH-RO-PG21	1 34 010 0121
		H10B-TGH-RO-PG29	1 34 010 0129
		H10B-TGH-RO-M20	1 34 010 0120
		H10B-TGH-RO-M25	1 34 010 0125
		H10B-TGH-RO-M32	1 34 010 0132
M20 M25	PG16	H10B-TBF-LB-PG16	1 73 010 0116
		H10B-TBF-LB-M20	1 73 010 0120
		H10B-TBF-LB-M25	1 73 010 0125
	PG21 PG29	H10B-TBFH-LB-PG21	1 77 010 0121
		H10B-TBFH-LB-PG29	1 77 010 0129
		H10B-TBFH-LB-M25	1 77 010 0125
	M20 M25	H10B-TBFH-LB-M32	1 77 010 0132
		H10B-KDTP-LB	1 01 010 1500

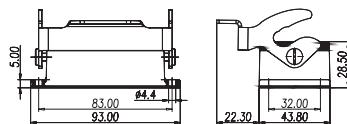
HD
HDD

西霸士
SIBAS

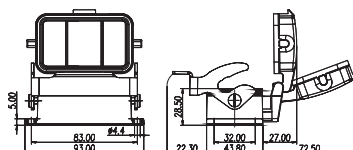
外型尺寸(mm)/Dimensions(mm)

HD
HDD

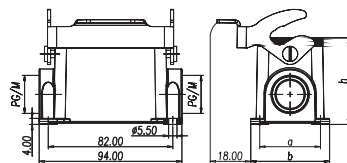
外壳底座:开孔安装
Bulkhead mounted



带保护盖/With protection cover

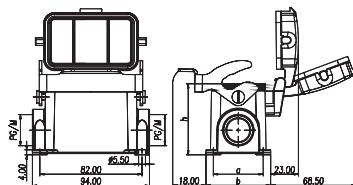


外壳底座:表面安装
Surface mounted:Side entry



	a	b	h
低结构/Low construction	40	52	54
高结构/Low construction	45	57	74

带保护盖/With protection cover



	a	b	h
低结构/Low construction	40	52	54
高结构/Low construction	45	57	74

 Metr.	 PG	型号/Type	订货号/Order NO.
		H10B-AG-LB	1 50 010 0000
		H10B-AD-LB	1 51 010 0000
M20 M25	PG16 PG21	H10B-SGR-LB-PG16 H10B-SGR-LB-PG21 H10B-SGR-LB-M20 H10B-SGR-LB-M25	1 61 010 0116 1 61 010 0121 1 61 010 0120 1 61 010 0125
M20 M25	PG16 PG21	H10B-SGR-LB-2PG16 H10B-SGR-LB-2PG21 H10B-SGR-LB-2M20 H10B-SGR-LB-2M25	1 61 010 0216 1 61 010 0221 1 61 010 0220 1 61 010 0225
M25 M32	PG21 PG29	H10B-SGRH-LB-PG21 H10B-SGRH-LB-PG29 H10B-SGRH-LB-M25 H10B-SGRH-LB-M32	1 65 010 0121 1 65 010 0129 1 65 010 0125 1 65 010 0132
M25 M32	PG21 PG29	H10B-SGRH-LB-2PG21 H10B-SGRH-LB-2PG29 H10B-SGRH-LB-2M25 H10B-SGRH-LB-2M32	1 65 010 0221 1 65 010 0229 1 65 010 0225 1 65 010 0232
M20 M25	PG16 PG21	H10B-SDR-LB-PG16 H10B-SDR-LB-PG21 H10B-SDR-LB-M20 H10B-SDR-LB-M25	1 62 010 0116 1 62 010 0121 1 62 010 0120 1 62 010 0125
M20 M25	PG16 PG21	H10B-SDR-LB-2PG16 H10B-SDR-LB-2PG21 H10B-SDR-LB-2M20 H10B-SDR-LB-2M25	1 62 010 0216 1 62 010 0221 1 62 010 0220 1 62 010 0225
M25 M32	PG21 PG29	H10B-SDRH-LB-PG21 H10B-SDRH-LB-PG29 H10B-SDRH-LB-M25 H10B-SDRH-LB-M32	1 66 010 0121 1 66 010 0129 1 66 010 0125 1 66 010 0132
M25 M32	PG21 PG29	H10B-SDRH-LB-2PG21 H10B-SDRH-LB-2PG29 H10B-SDRH-LB-2M25 H10B-SDRH-LB-2M32	1 66 010 0221 1 66 010 0229 1 66 010 0225 1 66 010 0232

Inserts suit for H16B Hood/housing

250V 10A

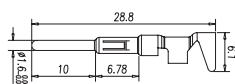
HD
HDD

线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

Inserts suit for H16B Hood/housing

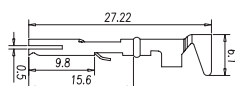
250V 10A

HD
HDD

插针/Male

线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	4.0mm	CJM-14	2 20 000 1005	DJM-14	2 20 001 1005
0.5-1.5mm ²	AWG20-16	4.0mm	CJM-50	2 20 000 1010	DJM-50	2 20 001 1010
1.5-2.5mm ²	AWG16-14	4.0mm	CJM-150	2 20 000 1025	DJM-150	2 20 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压插针 Crimp contacts,silver-plated		镀金冷压插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	4.0mm	CJF-14	2 20 000 2005	DJF-14	2 20 001 2005
0.5-1.5mm ²	AWG20-16	4.0mm	CJF-50	2 20 000 2010	DJF-50	2 20 001 2010
1.5-2.5mm ²	AWG16-14	4.0mm	CJF-150	2 20 000 2025	DJF-150	2 20 001 2025

Inserts suit for H16B Hood/housing

250V 10A

HD
HDD

线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

H16B 带双扣外壳 | H16B with 2 levers on the hoods/housings



表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

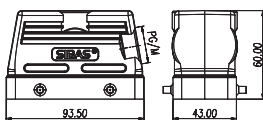
HD
HDD

外型尺寸(mm)/Dimensions(mm)

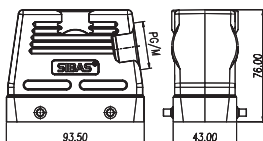
外壳上壳:侧面进线
Hood:Side entry



低结构/Low construction



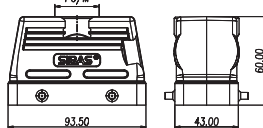
高结构/High construction



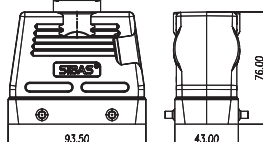
外壳上壳:顶部进线
Hood:Top entry



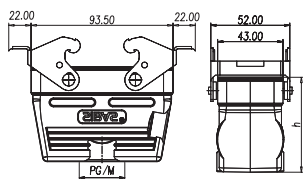
低结构/Low construction



高结构/High construction



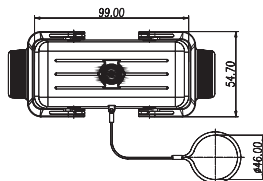
电缆对接下壳
Cable-to-cable hood



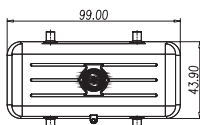
	h
低结构/Low construction	62.5
高结构/High construction	78.5

低结构
Low construction
高结构
High construction

上壳保护壳
Protection covers for hoods



底座保护壳
Housing protection cover



Metr.	PG	型号/Type	订货号/Order NO.
M25 M32	PG16 PG21	H16B-TS-PG16	1 21 016 0116
		H16B-TS-PG21	1 21 016 0121
		H16B-TS-M25	1 21 016 0125
		H16B-TS-M32	1 21 016 0132
M25 M32 M40	PG21 PG29	H16B-TSH-PG21	1 23 016 0121
		H16B-TSH-PG29	1 23 016 0129
		H16B-TSH-M25	1 23 016 0125
		H16B-TSH-M32	1 23 016 0132
M25 M32 M40	PG21 PG29	H16B-TGH-PG21	1 24 016 0121
		H16B-TGH-PG29	1 24 016 0129
		H16B-TGH-M25	1 24 016 0120
		H16B-TGH-M32	1 24 016 0125
M25 M32 M40	PG21 PG29	H16B-TBF-PG21	1 71 016 0121
		H16B-TBF-M25	1 71 016 0125
		H16B-TBF-M32	1 71 016 0132
		H16B-TBFH-PG21	1 75 016 0121
M25 M32 M40	PG21 PG29	H16B-TBFH-PG29	1 75 016 0129
		H16B-TBFH-M25	1 75 016 0125
		H16B-TBFH-M32	1 75 016 0132
		H16B-TBFH-M40	1 75 016 0140
		H16B-KDTP	1 01 016 1400
		H16B-KDBP	1 01 016 2100

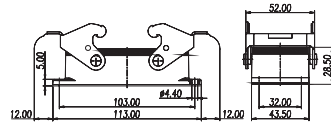
H16B 带双扣外壳 | H16B with 2 levers on the hoods/housings



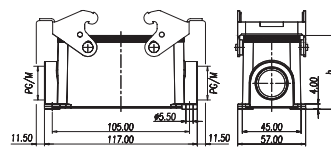
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

外壳底座:开孔安装
Bulkhead mounted

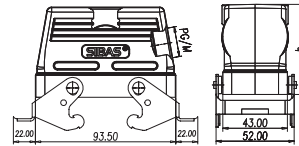


外壳底座:表面安装
Surface mounted:Side entry



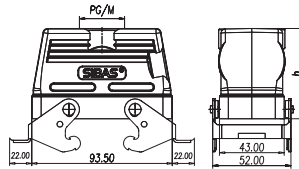
	h
低结构/Low construction	56
高结构/Low construction	81

侧出带双扣上壳
Side entry housing with two levers



	h
低结构/Low construction	60
高结构/Low construction	76

顶出带双扣上壳
Top entry housing with two levers

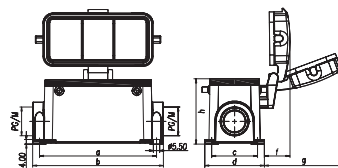
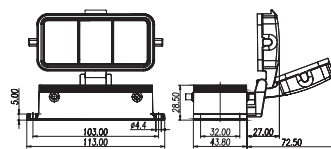


	h
低结构/Low construction	60
高结构/Low construction	76

四耳带盖开孔底座
Bulkhead mounting with 4 bolts



带保护盖/With protection cover



	a	b	c	d	f	g	h
低结构/Low construction	105	117	45	57	20	65	56
高结构/Low construction	105	117	45	57	20	65	81

Metr.	PG	型号/Type	订货号/Order NO.
		H16B-AG	1 41 016 0000
	PG21	H16B-SGR-PG21	1 44 016 0121
M25		H16B-SGR-M25	1 44 016 0125
	PG21	H16B-SGR-2PG21	1 44 016 0221
M25		H16B-SGR-2M25	1 44 016 0225
	PG21	H16B-SGRH-PG21	1 47 016 0121
	PG29	H16B-SGRH-PG29	1 47 016 0129
M25		H16B-SGRH-M25	1 47 016 0125
M32		H16B-SGRH-M32	1 47 016 0132
	PG21	H16B-SGRH-2PG21	1 47 016 0221
	PG29	H16B-SGRH-2PG29	1 47 016 0229
M25		H16B-SGRH-2M25	1 47 016 0225
M32		H16B-SGRH-2M32	1 47 016 0232
	PG16	H16B-TSB-PG16	1 25 016 0116
	PG21	H16B-TSB-PG21	1 25 016 0121
M20		H16B-TSB-M20	1 25 016 0120
M25		H16B-TSB-M25	1 25 016 0125
	PG21	H16B-TSBH-PG21	1 27 016 0121
	PG29	H16B-TSBH-PG29	1 27 016 0129
M25		H16B-TSBH-M25	1 27 016 0125
M32		H16B-TSBH-M32	1 27 016 0132
	PG16	H16B-TGB-PG16	1 26 016 0116
	PG21	H16B-TGB-PG21	1 26 016 0121
M20		H16B-TGB-M20	1 26 016 0120
M25		H16B-TGB-M25	1 26 016 0125
	PG21	H16B-TGBH-PG21	1 28 016 0121
	PG29	H16B-TGBH-PG29	1 28 016 0129
M25		H16B-TGBH-M25	1 28 016 0125
M32		H16B-TGBH-M32	1 28 016 0132
		H16B-AD-BO	1 43 016 0000
	PG21	H16B-SDR-BO-PG21	1 46 016 0121
M25		H16B-SDR-BO-M25	1 46 016 0125
	PG21	H16B-SDR-BO-2PG21	1 46 016 0221
M25		H16B-SDR-BO-2M25	1 46 016 0225
	PG21	H16B-SDRH-BO-PG21	1 49 016 0121
	PG29	H16B-SDRH-BO-PG29	1 49 016 0129
M25		H16B-SDRH-BO-M25	1 49 016 0125
M32		H16B-SDRH-BO-M32	1 49 016 0132
	PG21	H16B-SDRH-BO-2PG21	1 49 016 0221
	PG29	H16B-SDRH-BO-2PG29	1 49 016 0229
M25		H16B-SDRH-BO-2M25	1 49 016 0225
M32		H16B-SDRH-BO-2M32	1 49 016 0232

HD
HDD

H16B 带单扣外壳 | H16B with 1 levers on the hoods/housings



表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

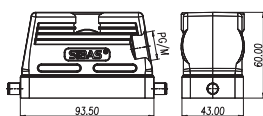
HD
HDD

外型尺寸(mm)/Dimensions(mm)

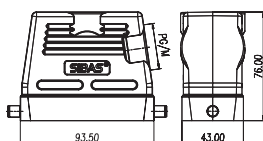
外壳上壳:侧面进线
Hood:Side entry



低结构/Low construction



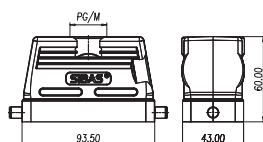
高结构/High construction



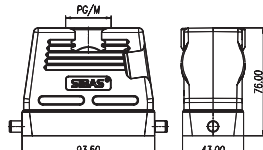
外壳上壳:顶部进线
Hood:Top entry



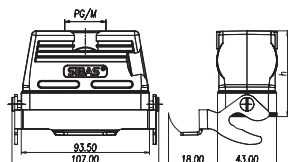
低结构/Low construction



高结构/High construction



电缆对接下壳
Cable-to-cable hood



	h
低结构/Low construction	62.5
高结构/High construction	78.5

低结构
Low construction
高结构
High construction

上壳保护壳
Protection covers for hoods



Metr.	PG	型号/Type	订货号/Order NO.
M25 M32	PG21 PG29	H16B-TS-RO-PG21	1 31 016 0121
		H16B-TS-RO-PG29	1 31 016 0129
		H16B-TS-RO-M25	1 31 016 0125
		H16B-TS-RO-M32	1 31 016 0132
M25 M32 M40	PG21 PG29	H16B-TSH-RO-PG21	1 33 016 0121
		H16B-TSH-RO-PG29	1 33 016 0129
		H16B-TSH-RO-M25	1 33 016 0125
		H16B-TSH-RO-M32	1 33 016 0132
		H16B-TSH-RO-M40	1 33 016 0140
M25 M32	PG21 PG29	H16B-TG-RO-PG21	1 32 016 0121
		H16B-TG-RO-PG29	1 32 016 0129
		H16B-TG-RO-M25	1 32 016 0125
		H16B-TG-RO-M32	1 32 016 0132
M25 M32 M40	PG21 PG29	H16B-TGH-RO-PG21	1 34 016 0121
		H16B-TGH-RO-PG29	1 34 016 0129
		H16B-TGH-RO-M25	1 34 016 0125
		H16B-TGH-RO-M32	1 34 016 0132
		H16B-TGH-RO-M40	1 34 016 0140
M25 M32	PG21 PG29	H16B-TBF-LB-PG21	1 73 016 0121
		H16B-TBF-LB-PG29	1 73 016 0129
		H16B-TBF-LB-M25	1 73 016 0125
		H16B-TBF-LB-M32	1 73 016 0132
M20 M25 M40	PG21 PG29	H16B-TBFH-LB-PG21	1 77 016 0121
		H16B-TBFH-LB-PG29	1 77 016 0129
		H16B-TBFH-LB-M25	1 77 016 0125
		H16B-TBFH-LB-M32	1 77 016 0132
		H16B-TBFH-LB-M40	1 77 016 0140
		H16B-KDTP-LB	1 01 016 1500

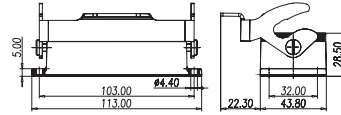
H16B 带单扣外壳 |H16B with 1 levers on the hoods/housings



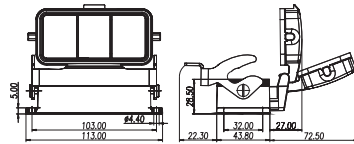
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

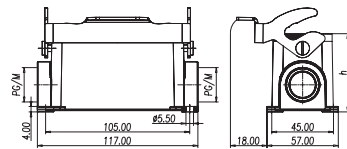
外壳底座:开孔安装
Bulkhead mounted



带保护盖/With protection cover



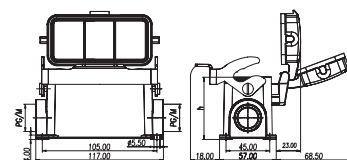
外壳底座:表面安装
Surface mounted:Side entry



	h
低结构/Low construction	56
高结构/Low construction	81



带保护盖/With protection cover



	h
低结构/Low construction	56
高结构/Low construction	81

Metr.	PG	型号/Type	订货号/Order NO.
		H16B-AG-LB	1 50 016 0000
		H16B-AD-LB	1 51 016 0000
M20	PG16	H16B-SGR-LB-PG16	1 61 016 0116
M25	PG21	H16B-SGR-LB-PG21	1 61 016 0121
		H16B-SGR-LB-M20	1 61 016 0120
		H16B-SGR-LB-M25	1 61 016 0125
	PG16	H16B-SGR-LB-2PG16	1 61 016 0216
	PG21	H16B-SGR-LB-2PG21	1 61 016 0221
		H16B-SGRH-LB-2M20	1 61 016 0220
		H16B-SGR-LB-2M25	1 61 016 0225
	PG21	H16B-SGRH-LB-PG21	1 65 016 0121
	PG29	H16B-SGRH-LB-PG29	1 65 016 0129
		H16B-SGRH-LB-M25	1 65 016 0125
		H16B-SGRH-LB-M32	1 65 016 0132
	PG21	H16B-SGRH-LB-2PG21	1 65 016 0221
	PG29	H16B-SGRH-LB-2PG29	1 65 016 0229
		H16B-SGRH-LB-2M25	1 65 016 0225
		H16B-SGRH-LB-2M32	1 65 016 0232
M20	PG16	H16B-SDR-LB-PG16	1 62 016 0116
M25	PG21	H16B-SDR-LB-PG21	1 62 016 0121
		H16B-SDR-LB-M20	1 62 016 0120
		H16B-SDR-LB-M25	1 62 016 0125
	PG16	H16B-SDR-LB-2PG16	1 62 016 0216
	PG21	H16B-SDR-LB-2PG21	1 62 016 0221
		H16B-SDR-LB-2M20	1 62 016 0220
		H16B-SDR-LB-2M25	1 62 016 0225
	PG21	H16B-SDRH-LB-PG21	1 66 016 0121
	PG29	H16B-SDRH-LB-PG29	1 66 016 0129
		H16B-SDRH-LB-M25	1 66 016 0125
		H16B-SDRH-LB-M32	1 66 016 0132
	PG21	H16B-SDRH-LB-2PG21	1 66 016 0221
	PG29	H16B-SDRH-LB-2PG29	1 66 016 0229
		H16B-SDRH-LB-2M25	1 66 016 0225
		H16B-SDRH-LB-2M32	1 66 016 0232

HD
HDD

HD-064 接插体 /HD-064 inserts



芯件适配H24B外壳

Inserts suit for H24B Hood/housing

64+⊕ (车针/Turning contacts)

250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

订货号/Order NO.

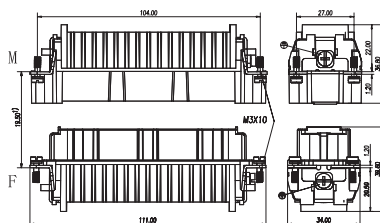
公接插件/Male insert

母接插件/Female insert

型号
Type

冷压接 (冷压针需单独订购)
Crimp terminal(Ord crimp
contacts separately)

1)接插体之间最大距离24mm
Distance for contact max.24mm



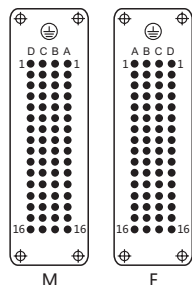
2 02 064 2101

HD-064-M

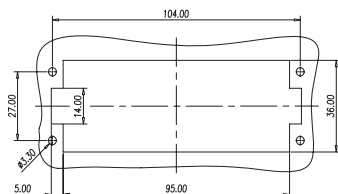
2 02 064 2201

HD-064-F

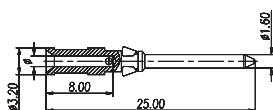
接插针排序/Contact arrangement
view from termination side



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings

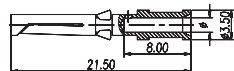


插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

HD-064 接插体 /HD-064 inserts



芯件适配H24B外壳
Inserts suit for H24B Hood/housing

64+⊕ (冷压针:卷针/Rolled contacts)

250V 10A

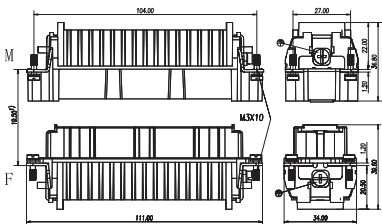
HD
HDD

外型尺寸(mm)/Dimensions(mm)

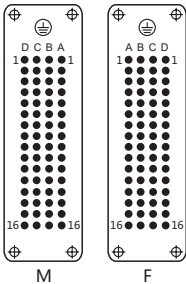
卷皮式冷压接 (冷压针需单独订购)
Rolled crimp contacts(Order crimp contacts separately)



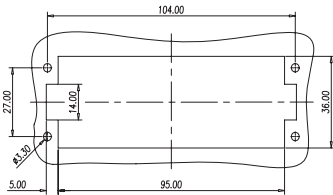
1)接插体之间最大距离24mm
Distance for contact max.24mm



接插针排序/Contact arrangement
view from termination side

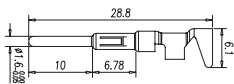


不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings



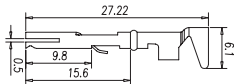
订货号/Order NO.		型号 Type
公接插件/Male insert	母接插件/Female insert	
2 02 064 2101		HD-064-M
	2 02 064 3201	HD-064-FJ

插针/Male



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJM-14	2 20 000 1005	DJM-14	2 20 001 1005
0.5-1.5mm ²	AWG20-16	CJM-50	2 20 000 1010	DJM-50	2 20 001 1010
1.5-2.5mm ²	AWG16-14	CJM-150	2 20 000 1025	DJM-150	2 20 001 1025

插孔/Female



线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	CJF-14	2 20 000 2005	DJF-14	2 20 001 2005
0.5-1.5mm ²	AWG20-16	CJF-50	2 20 000 2010	DJF-50	2 20 001 2010
1.5-2.5mm ²	AWG16-14	CJF-150	2 20 000 2025	DJF-150	2 20 001 2025

HDD-108 接插体 /HDD-108 inserts



芯件适配H24B外壳

Inserts suit for H24B Hood/housing

108+⊕ (车针/Turning contacts)

250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

订货号/Order NO.

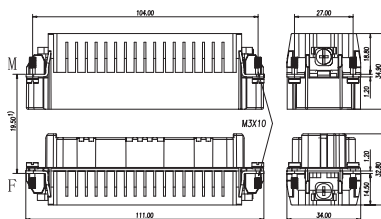
公接插件/Male insert

母接插件/Female insert

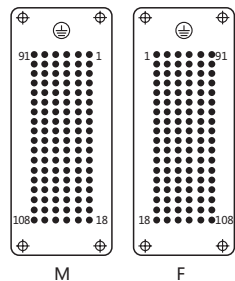
型号
Type

冷压接 (冷压针需单独订购)
Crimp terminal(Ordor crimp
contacts separately)

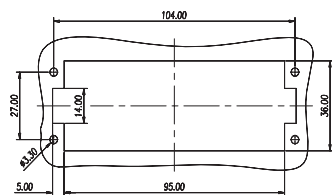
1)接插体之间最大距离24mm
Distance for contact max.24mm



接插针排序/Contact arrangement
view from termination side



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use
without hoods/housings



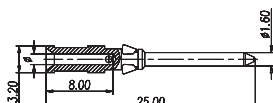
2 02 108 2101

HD-108-M

2 02 108 2201

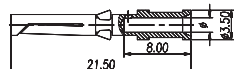
HD-108-F

插针/Male



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025

插孔/Female



线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025

H24B 带双扣外壳 | H24B with 2 levers on the hoods/housings



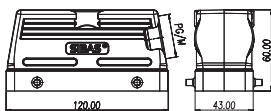
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

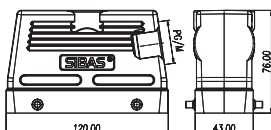
外壳上壳:侧面进线
Hood:Side entry



低结构/Low construction



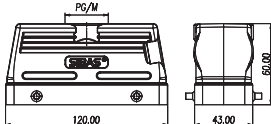
高结构/High construction



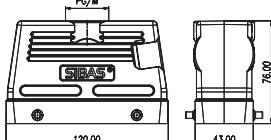
外壳上壳:顶部进线
Hood:Top entry



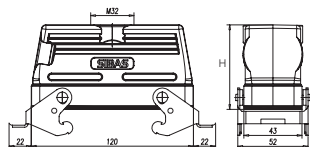
低结构/Low construction



高结构/High construction



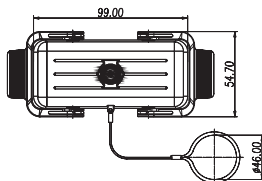
电缆对接下壳
Cable-to-cable hood



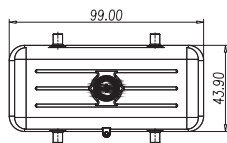
	h
低结构/Low construction	62.5
高结构/High construction	78.5

低结构
Low construction
高结构
High construction

上壳保护壳
Protection covers for hoods



底座保护壳
Housing protection cover



Metr.	PG	型号/Type	订货号/Order NO.
M25 M32	PG16 PG21	H24B-TS-PG16	1 21 024 0116
		H24B-TS-PG21	1 21 024 0121
		H24B-TS-M25	1 21 024 0125
		H24B-TS-M32	1 21 024 0132
M25 M32 M40	PG21 PG29	H24B-TSH-PG21	1 23 024 0121
		H24B-TSH-PG29	1 23 024 0129
		H24B-TSH-M25	1 23 024 0125
		H24B-TSH-M32	1 23 024 0132
M25 M32 M40	PG21 PG29	H24B-TGH-PG21	1 24 024 0121
		H24B-TGH-PG29	1 24 024 0129
		H24B-TGH-M25	1 24 024 0125
		H24B-TGH-M32	1 24 024 0132
M25 M32 M40	PG21 PG29	H24B-TBFH-PG21	1 75 024 0121
		H24B-TBFH-PG29	1 75 024 0129
		H24B-TBFH-M25	1 75 024 0125
		H24B-TBFH-M32	1 75 024 0132
M25 M32 M40	PG21 PG29	H24B-TBF-PG21	1 71 024 0121
		H24B-TBF-M25	1 71 024 0125
		H24B-TBF-M32	1 71 024 0132
		H24B-TBFH-M40	1 75 024 0140
		H24B-KDTP	1 01 024 1400
		H24B-KDBP	1 01 024 2100

HD
HDD

H24B 带双扣外壳 | H24B with 2 levers on the hoods/housings

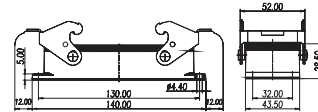


表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

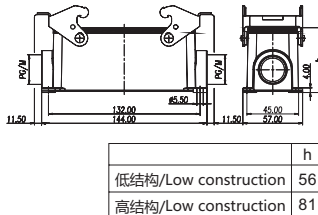
HD
HDD

外型尺寸(mm)/Dimensions(mm)

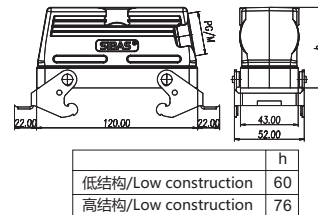
外壳底座:开孔安装
Bulkhead mounted



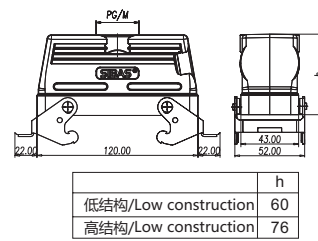
外壳底座:表面安装
Surface mounted:Side entry



侧出带双扣上壳
Side entry housing with two levers



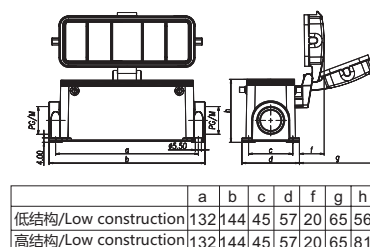
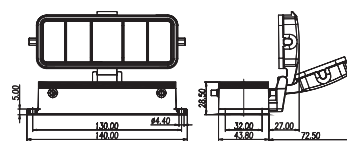
顶出带双扣上壳
Top entry housing with two levers



四耳带盖开孔底座
Bulkhead mounting with 4 bolts



带保护盖/With protection cover



Metr.	PG	型号/Type	订货号/Order NO.
		H24B-AG	1 41 024 0000
M25	PG21	H24B-SGR-PG21	1 44 024 0121
M25	PG21	H24B-SGR-M25	1 44 024 0125
M25	PG21	H24B-SGR-2PG21	1 44 024 0221
M25	PG21	H24B-SGR-2M25	1 44 024 0225
M25	PG29	H24B-SGRH-PG21	1 47 024 0121
M32	PG29	H24B-SGRH-PG29	1 47 024 0129
M25	PG21	H24B-SGRH-M25	1 47 024 0125
M32	PG21	H24B-SGRH-M32	1 47 024 0132
M25	PG29	H24B-SGRH-2PG21	1 47 024 0221
M25	PG29	H24B-SGRH-2PG29	1 47 024 0229
M25	PG21	H24B-SGRH-2M25	1 47 024 0225
M32	PG21	H24B-SGRH-2M32	1 47 024 0232
M20	PG16	H24B-TSB-PG16	1 25 024 0116
M25	PG21	H24B-TSB-PG21	1 25 024 0121
M20	PG21	H24B-TSB-M20	1 25 024 0120
M25	PG21	H24B-TSB-M25	1 25 024 0125
M25	PG29	H24B-TSBH-PG21	1 27 024 0121
M32	PG29	H24B-TSBH-PG29	1 27 024 0129
M25	PG21	H24B-TSBH-M25	1 27 024 0125
M32	PG21	H24B-TSBH-M32	1 27 024 0132
M20	PG16	H24B-TGB-PG16	1 26 024 0116
M25	PG21	H24B-TGB-PG21	1 26 024 0121
M20	PG21	H24B-TGB-M20	1 26 024 0120
M25	PG21	H24B-TGB-M25	1 26 024 0125
M25	PG29	H24B-TGBH-PG21	1 28 024 0121
M32	PG29	H24B-TGBH-PG29	1 28 024 0129
M25	PG21	H24B-TGBH-M25	1 28 024 0125
M32	PG21	H24B-TGBH-M32	1 28 024 0132
		H24B-AD-BO	1 43 024 0000
M25	PG21	H24B-SDR-BO-PG21	1 46 024 0121
M25	PG21	H24B-SDR-BO-M25	1 46 024 0125
M25	PG21	H24B-SDR-BO-2PG21	1 46 024 0221
M25	PG21	H24B-SDR-BO-2M25	1 46 024 0225
M25	PG29	H24B-SDRH-BO-PG21	1 49 024 0121
M32	PG29	H24B-SDRH-BO-PG29	1 49 024 0129
M25	PG21	H24B-SDRH-BO-M25	1 49 024 0125
M32	PG21	H24B-SDRH-BO-M32	1 49 024 0132
M25	PG29	H24B-SDRH-BO-2PG21	1 49 024 0221
M25	PG29	H24B-SDRH-BO-2PG29	1 49 024 0229
M25	PG21	H24B-SDRH-BO-2M25	1 49 024 0225
M32	PG21	H24B-SDRH-BO-2M32	1 49 024 0232

H24B 带单扣外壳 | H24B with 1 levers on the hoods/housings



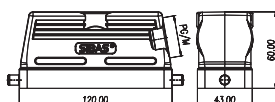
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

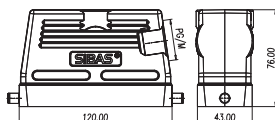
外壳上壳:侧面进线
Hood: Side entry



低结构/Low construction



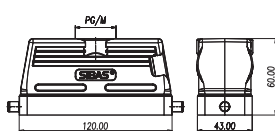
高结构/High construction



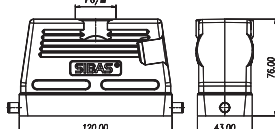
外壳上壳:顶部进线
Hood: Top entry



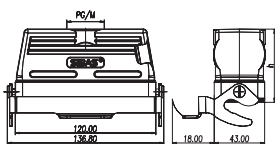
低结构/Low construction



高结构/High construction



电缆对接下壳
Cable-to-cable hood



	h
低结构/Low construction	62.5
高结构/High construction	78.5

低结构
Low construction
高结构
High construction

上壳保护壳
Protection covers for hoods



Metr.	PG	型号/Type	订货号/Order NO.
M25 M32	PG21 PG29	H24B-TS-RO-PG21	1 31 024 0121
		H24B-TS-RO-PG29	1 31 024 0129
		H24B-TS-RO-M25	1 31 024 0125
		H24B-TS-RO-M32	1 31 024 0132
M25 M32 M40	PG21 PG29	H24B-TSH-RO-PG21	1 33 024 0121
		H24B-TSH-RO-PG29	1 33 024 0129
		H24B-TSH-RO-M25	1 33 024 0125
		H24B-TSH-RO-M32	1 33 024 0132
		H24B-TSH-RO-M40	1 33 024 0140
M25 M32	PG21 PG29	H24B-TG-RO-PG21	1 32 024 0121
		H24B-TG-RO-PG29	1 32 024 0129
		H24B-TG-RO-M25	1 32 024 0125
		H24B-TG-RO-M32	1 32 024 0132
M25 M32 M40	PG21 PG29	H24B-TGH-RO-PG21	1 34 024 0121
		H24B-TGH-RO-PG29	1 34 024 0129
		H24B-TGH-RO-M25	1 34 024 0125
		H24B-TGH-RO-M32	1 34 024 0132
		H24B-TGH-RO-M40	1 34 024 0140
M25 M32	PG21 PG29	H24B-TBF-LB-PG21	1 73 024 0121
		H24B-TBF-LB-PG29	1 73 024 0129
		H24B-TBF-LB-M25	1 73 024 0125
		H24B-TBF-LB-M32	1 73 024 0132
M20 M25 M40	PG21 PG29	H24B-TBFH-LB-PG21	1 77 024 0121
		H24B-TBFH-LB-PG29	1 77 024 0129
		H24B-TBFH-LB-M25	1 77 024 0125
		H24B-TBFH-LB-M32	1 77 024 0132
		H24B-TBFH-LB-M40	1 77 024 0140
		H24B-KDTP-LB	1 01 024 1500

HD
HDD

H24B 带单扣外壳 | H24B with 1 levers on the hoods/housings

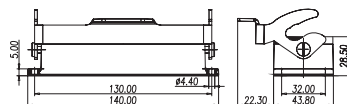


表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

HD
HDD

外型尺寸(mm)/Dimensions(mm)

外壳底座:开孔安装
Bulkhead mounted

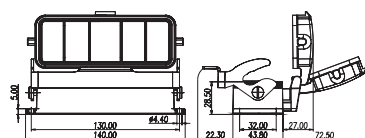


H24B-AG-LB

1 50 024 0000



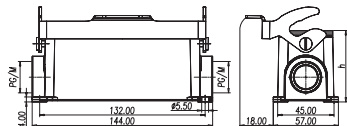
带保护盖/With protection cover



H24B-AD-LB

1 51 024 0000

外壳底座:表面安装
Surface mounted:Side entry

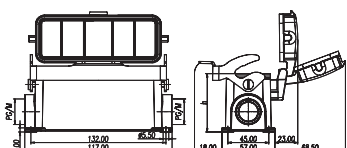


	h
低结构/Low construction	56
高结构/Low construction	81

1 侧入口
1 Side entry
2 侧入口
2 Side entry
低结构
Low construction
高结构
High construction

M20	PG16	H24B-SGR-LB-PG16	1 61 024 0116
	PG21	H24B-SGR-LB-PG21	1 61 024 0121
M25		H24B-SGR-LB-M20	1 61 024 0120
		H24B-SGR-LB-M25	1 61 024 0125
M20	PG16	H24B-SGR-LB-2PG16	1 61 024 0216
	PG21	H24B-SGR-LB-2PG21	1 61 024 0221
M25		H24B-SGR-LB-2M20	1 61 024 0220
		H24B-SGR-LB-2M25	1 61 024 0225
M25	PG21	H24B-SGRH-LB-PG21	1 65 024 0121
	PG29	H24B-SGRH-LB-PG29	1 65 024 0129
M32		H24B-SGRH-LB-M25	1 65 024 0125
		H24B-SGRH-LB-M32	1 65 024 0132
M25	PG21	H24B-SGRH-LB-2PG21	1 65 024 0221
	PG29	H24B-SGRH-LB-2PG29	1 65 024 0229
M32		H24B-SGRH-LB-2M25	1 65 024 0225
		H24B-SGRH-LB-2M32	1 65 024 0232

带保护盖/With protection cover



	h
低结构/Low construction	56
高结构/Low construction	81

1 侧入口
1 Side entry
2 侧入口
2 Side entry
低结构
Low construction
高结构
High construction

M20	PG16	H24B-SDR-LB-PG16	1 62 024 0116
	PG21	H24B-SDR-LB-PG21	1 62 024 0121
M25		H24B-SDR-LB-M20	1 62 024 0120
		H24B-SDR-LB-M25	1 62 024 0125
M20	PG16	H24B-SDR-LB-2PG16	1 62 024 0216
	PG21	H24B-SDR-LB-2PG21	1 62 024 0221
M25		H24B-SDR-LB-2M20	1 62 024 0220
		H24B-SDR-LB-2M25	1 62 024 0225
M25	PG21	H24B-SDRH-LB-PG21	1 66 024 0121
	PG29	H24B-SDRH-LB-PG29	1 66 024 0129
M32		H24B-SDRH-LB-M25	1 66 024 0125
		H24B-SDRH-LB-M32	1 66 024 0132
M25	PG21	H24B-SDRH-LB-2PG21	1 66 024 0221
	PG29	H24B-SDRH-LB-2PG29	1 66 024 0229
M32		H24B-SDRH-LB-2M25	1 66 024 0225
		H24B-SDRH-LB-2M32	1 66 024 0232

250V 10A

HD
HDD

西霸士
SIBAS

Inserts suit for H32B Hood/housing

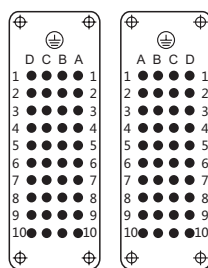
250V 10A

HD
HDD

型号

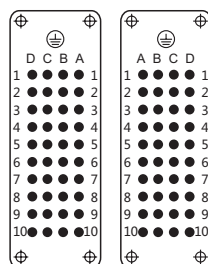
Type

接插针排序/Contact
arrangement view
from termination side



M

F

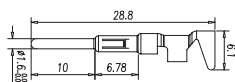


M

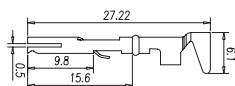
F

HD-040-M(1-40)
HD-040-M(41-80)

HD-040-FJ(1-40)
HD-040-FJ(41-80)

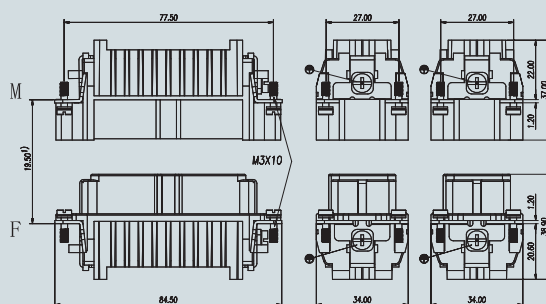


线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	4.0mm	CJM-14	2 20 000 1005	DJM-14	2 20 001 1005
0.5-1.5mm ²	AWG20-16	4.0mm	CJM-50	2 20 000 1010	DJM-50	2 20 001 1010
1.5-2.5mm ²	AWG16-14	4.0mm	CJM-150	2 20 000 1025	DJM-150	2 20 001 1025

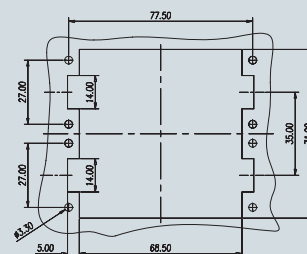


线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针		镀金冷压接插针	
			Crimp contacts,silver-plated	Crimp contacts,gold-plated	Crimp contacts,silver-plated	Crimp contacts,gold-plated
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14-0.5mm ²	AWG26-20	4.0mm	CJF-14	2 20 000 2005	DJF-14	2 20 001 2005
0.5-1.5mm ²	AWG20-16	4.0mm	CJF-50	2 20 000 2010	DJF-50	2 20 001 2010
1.5-2.5mm ²	AWG16-14	4.0mm	CJF-150	2 20 000 2025	DJF-150	2 20 001 2025

冷压接/Crimp terminal



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use without hoods/housings



HDD-144 接插体 /HD-144 inserts



芯件适配H32B外壳

Inserts suit for H32B Hood/housing

144+⊕ (车针/Turning contacts)
(72x2)

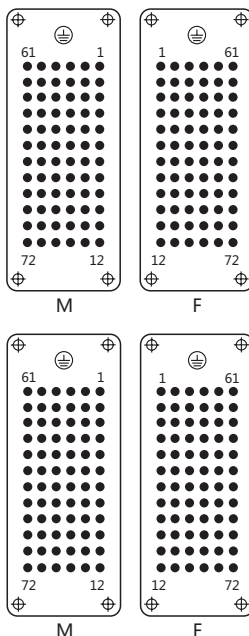
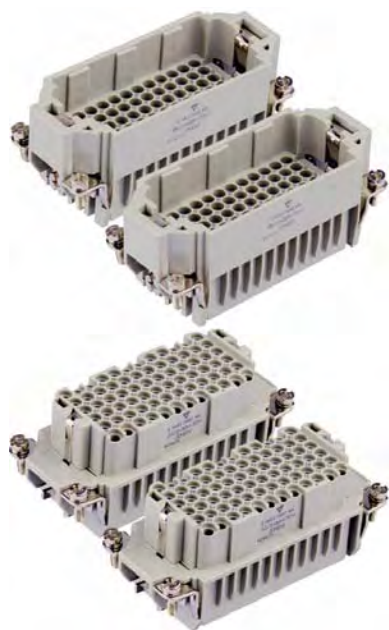
250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

接插针排序/Contact
arrangement view
from termination side



订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号

Type

2 03 072 2101
2 03 144 2101

HDD-072-M(1-72)
HDD-072-M(73-144)

2 03 072 2201
2 03 144 2201

HDD-072-F(1-72)
HDD-072-F(73-144)

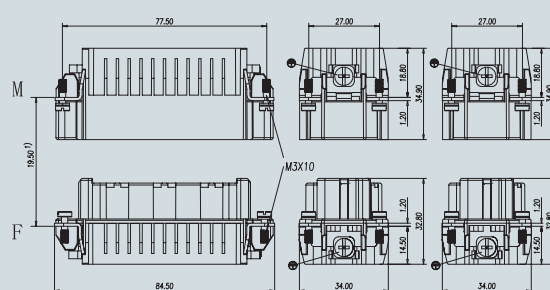
插针/Male



1)接插体之间最大距离24mm/Distance for contact max.24mm

冷压接/Crimp terminal

线规 Wire gauge		剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
			型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14	2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²		8.0mm	CDM-0.5	2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²		8.0mm	CDM-0.75	2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²		8.0mm	CDM-1.0	2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²		8.0mm	CDM-1.5	2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²		6.0mm	CDM-2.5	2 02 000 1025	DDM-2.5	2 02 001 1025



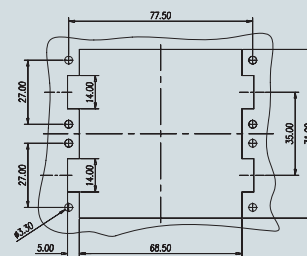
插孔/Female



不使用防护外壳时芯体的安装开孔图

Panel cut out for inserts for use without hoods/housings

线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated		
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.	
0.14mm ²	AWG26-22	8.0mm	CDF-0.14	2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5	2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75	2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0	2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5	2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5	2 02 000 2025	DDF-2.5	2 03 001 2025



H32B 带双扣外壳 /H32B with 2 levers on the hoods,housings

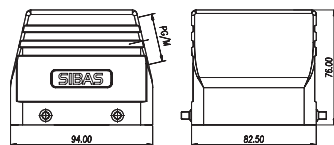


表面粉末镀层, RAL 7037
Powder-coated,RAL 7037

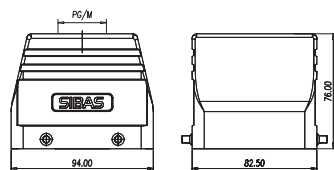
HD
HDD

外型尺寸(mm)/Dimensions(mm)

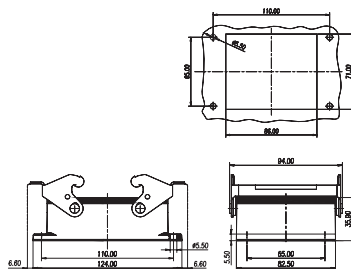
外壳上壳:侧面进线
Hood:Side entry



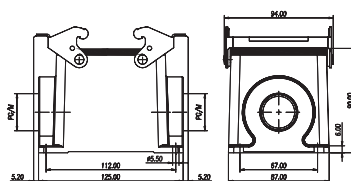
外壳上壳:顶部进线
Hood:Top entry



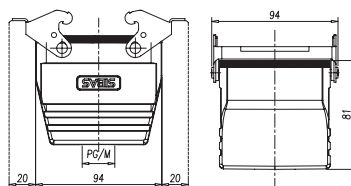
外壳底座:开孔安装
Bulkhead mounted



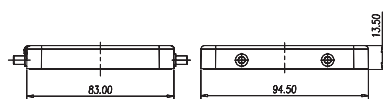
外壳底座:表面安装
Surface mounted:Side entry



电缆对接外壳
Cable-to-cable hood



上壳保护盖
Protection covers for hoods



Metr.	PG	型号/Type	订货号/Order NO.
M32 M40 M50	PG29 PG36	H32B-TS-PG29	1 21 032 0129
		H32B-TS-PG36	1 21 032 0136
		H32B-TS-M32	1 21 032 0132
		H32B-TS-M40	1 21 032 0140
		H32B-TS-M50	1 21 032 0150
M25 M32 M40 M50	PG21 PG29 PG36 PG42	H32B-TG-PG21	1 22 032 0121
		H32B-TG-PG29	1 22 032 0129
		H32B-TG-PG36	1 22 032 0136
		H32B-TG-PG42	1 22 032 0142
		H32B-TG-M25	1 22 032 0125
	M32 M40 M50	H32B-TG-M32	1 22 032 0132
		H32B-TG-M40	1 22 032 0140
		H32B-TG-M50	1 22 032 0150
1 块侧壳 1 Side entry 2 块侧壳 2 Side entry	PG29 PG36 PG42	H32B-AG	1 41 032 0000
	PG29 PG36 PG42	H32B-SGR-PG29	1 44 032 0129
		H32B-SGR-PG36	1 44 032 0136
		H32B-SGR-PG42	1 44 032 0142
		H32B-SGR-M32	1 44 032 0132
		H32B-SGR-M40	1 44 032 0140
		H32B-SGR-M50	1 44 032 0150
		H32B-SGR-M63	1 44 032 0163
M32 M40 M50 M63	PG29 PG36 PG42	H32B-SGR-2PG29	1 44 032 0229
		H32B-SGR-2PG36	1 44 032 0236
		H32B-SGR-2PG42	1 44 032 0242
		H32B-SGR-2M32	1 44 032 0232
		H32B-SGR-2M40	1 44 032 0240
	M32 M40 M50 M63	H32B-SGR-2M50	1 44 032 0250
		H32B-SGR-2M63	1 44 032 0263
M32 M40 M50 M63	PG29 PG36 PG42	H32B-TBF-PG29	1 71 032 0129
		H32B-TBF-PG36	1 71 032 0136
		H32B-TBF-PG42	1 71 032 0142
		H32B-TBF-M32	1 71 032 0132
		H32B-TBF-M40	1 71 032 0140
	M32 M40 M50 M63	H32B-TBF-M50	1 71 032 0150
		H32B-TBF-M63	1 71 032 0163
		H32B-KDB	1 00 032 1001

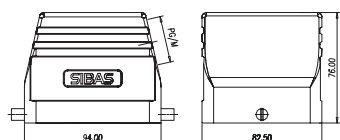
H32B 带单扣外壳 /H32B with 1 lever on the hoods,housings



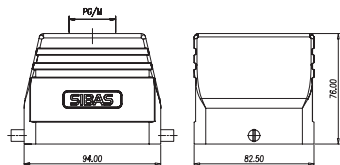
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

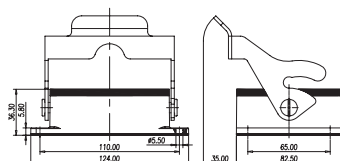
外壳上壳:侧面进线
Hood:Side entry



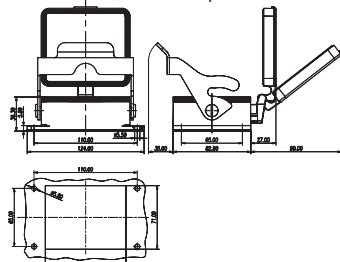
外壳上壳:顶部进线
Hood:Top entry



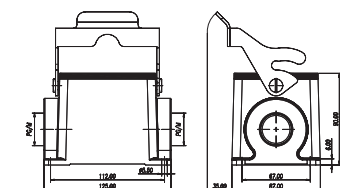
外壳底座:开孔安装
Bulkhead mounted



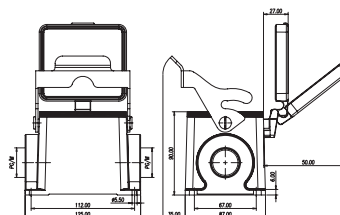
带保护盖/With protection cover



外壳底座:表面安装
Surface mounted:Side entry



带保护盖/With protection cover



Metr.	PG	型号/Type	订货号/Order NO.
M32 M40 M50	PG29 PG36	H32B-TS-RO-PG29	1 31 032 0129
		H32B-TS-RO-PG36	1 31 032 0136
		H32B-TS-RO-M32	1 31 032 0132
		H32B-TS-RO-M40	1 31 032 0140
		H32B-TS-RO-M50	1 31 032 0150
M25 M32 M40 M50	PG21 PG29 PG36 PG42	H32B-TG-RO-PG21	1 32 032 0121
		H32B-TG-RO-PG29	1 32 032 0129
		H32B-TG-RO-PG36	1 32 032 0136
		H32B-TG-RO-PG42	1 32 032 0142
	H32B-TG-RO-M25 H32B-TG-RO-M32 H32B-TG-RO-M40 H32B-TG-RO-M50		1 32 032 0125
			1 32 032 0132
			1 32 032 0140
			1 32 032 0150
1 类端子 1 Side entry 2 类端子 2 Side entry 1 类端子 1 Side entry 2 类端子 2 Side entry	PG29	H32B-AG-LB	1 50 032 0000
	PG29	H32B-AD-LB	1 51 032 0000
	PG29	H32B-SGR-LB-PG29	1 61 032 0129
		H32B-SGR-LB-M32	1 61 032 0132
		H32B-SGR-LB-M40	1 61 032 0140
	PG29	H32B-SGR-LB-2PG29	1 61 032 0229
		H32B-SGR-LB-2M32	1 61 032 0232
		H32B-SGR-LB-2M40	1 61 032 0240
M32 M40	PG29	H32B-SDR-LB-PG29	1 62 032 0129
		H32B-SDR-LB-M32	1 62 032 0132
		H32B-SDR-LB-M40	1 62 032 0140
	PG29	H32B-SDR-LB-2PG29	1 62 032 0229
		H32B-SDR-LB-2M32	1 62 032 0232
		H32B-SDR-LB-2M40	1 62 032 0240

HD
HDD

保留型号, 参数及尺寸更改权力
All specifications subject to change. Consult us for latest design specifications

HD-128 接插体 /HD-128 inserts



芯件适配H48B外壳

Inserts suit for H48B Hood/housing

128+⊕ (车针/Turning contacts)
(64x2)

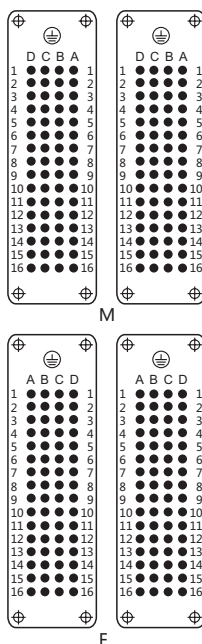
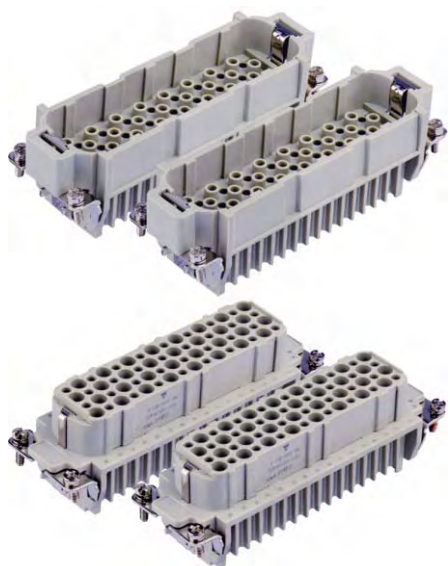
250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

接插针排序/Contact
arrangement view
from termination side



订货号/Order NO.
公接插件/Male insert 母接插件/Female insert

型号
Type

2 02 064 2101
2 02 128 2101

HD-064-M(1-64)
HD-064-M(65-128)

2 02 064 2201
2 02 128 2201

HD-064-F(1-64)
HD-064-F(65-128)

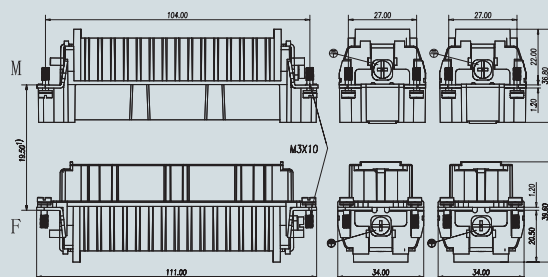
插针/Male



1)接插体之间最大距离24mm/Distance for contact max.24mm

冷压接/Crimp terminal

线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14 2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5 2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75 2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0 2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5 2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5 2 02 000 1025	DDM-2.5	2 02 001 1025

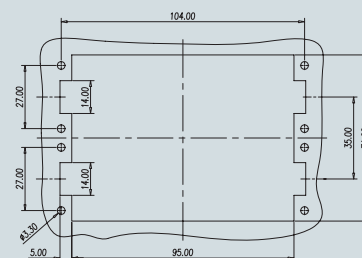


插孔/Female



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use without hoods/housings

线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14 2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5 2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75 2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0 2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5 2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5 2 02 000 2025	DDF-2.5	2 03 001 2025



250V 10A

HD
HDD

Figure 1 shows the 16 possible combinations of the four variables (A, B, C, D) for the two different types of cards (Type 1 and Type 2). The cards are labeled with the number 1 to 16, corresponding to the combinations of the four variables. The variables are represented by the presence or absence of a dot in the corresponding position on the card.

Card	A	B	C	D
1	•	•	•	•
2	•	•	•	•
3	•	•	•	•
4	•	•	•	•
5	•	•	•	•
6	•	•	•	•
7	•	•	•	•
8	•	•	•	•
9	•	•	•	•
10	•	•	•	•
11	•	•	•	•
12	•	•	•	•
13	•	•	•	•
14	•	•	•	•
15	•	•	•	•
16	•	•	•	•

Figure 1

HD-064-FJ(1-64)
HD-064-FJ(65-128)

Technical drawing of a mechanical part (Fig. 1.10) showing dimensions: total length 28.8, diameter 1.6, section length 10, and section length 6.78.

Technical drawing of the M3X10 ball mill, showing front, top, and side views with dimensions in millimeters.

Front View (Top): Overall length 104.00 mm. The mill body has a diameter of 27.00 mm. The mounting bracket has a width of 27.00 mm. The distance between the mounting points is 27.00 mm. The distance from the mounting point to the center of the mill body is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm.

Front View (Bottom): Overall length 111.00 mm. The mill body has a diameter of 27.00 mm. The mounting bracket has a width of 27.00 mm. The distance between the mounting points is 27.00 mm. The distance from the mounting point to the center of the mill body is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm.

Top View (Left): Overall width 104.00 mm. The mill body has a diameter of 27.00 mm. The mounting bracket has a width of 27.00 mm. The distance between the mounting points is 27.00 mm. The distance from the mounting point to the center of the mill body is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm.

Top View (Right): Overall width 111.00 mm. The mill body has a diameter of 27.00 mm. The mounting bracket has a width of 27.00 mm. The distance between the mounting points is 27.00 mm. The distance from the mounting point to the center of the mill body is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm.

Side View (Left): Overall height 104.00 mm. The mill body has a diameter of 27.00 mm. The mounting bracket has a width of 27.00 mm. The distance between the mounting points is 27.00 mm. The distance from the mounting point to the center of the mill body is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm.

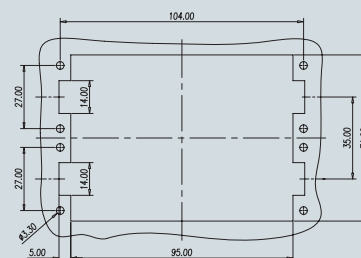
Side View (Right): Overall height 111.00 mm. The mill body has a diameter of 27.00 mm. The mounting bracket has a width of 27.00 mm. The distance between the mounting points is 27.00 mm. The distance from the mounting point to the center of the mill body is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm. The distance from the center of the mill body to the mounting point is 12.00 mm.

Dimensions:

- Overall length: 104.00 mm (top front view), 111.00 mm (bottom front view)
- Overall width: 104.00 mm (top side view), 111.00 mm (bottom side view)
- Overall height: 104.00 mm (left side view), 111.00 mm (right side view)
- Mill body diameter: 27.00 mm
- Mounting bracket width: 27.00 mm
- Distance between mounting points: 27.00 mm
- Distance from mounting point to center of mill body: 12.00 mm
- Distance from center of mill body to mounting point: 12.00 mm
- Distance from center of mill body to mounting point: 12.00 mm
- Distance from center of mill body to mounting point: 12.00 mm

Technical drawing of a mechanical part with dimensions: 27.22, 9.8, 15.6, 0.5, and 1.9.

不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use without hoods/housings



HDD-216 接插体 /HDD-216 inserts



芯件适配H48B外壳

Inserts suit for H48B Hood/housing

216+⊕ (车针/Turning contacts)
(108x2)

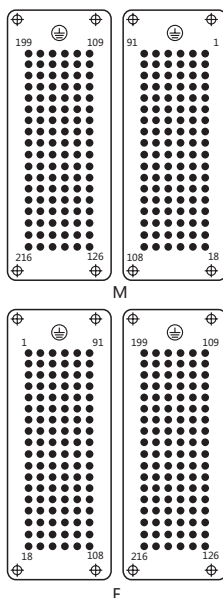
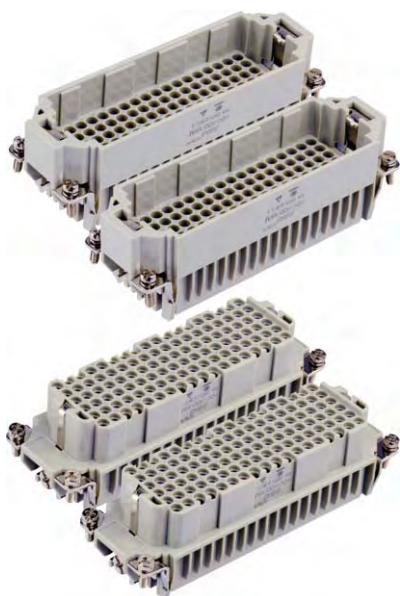
250V 10A

HD
HDD

外型尺寸(mm)/Dimensions(mm)

冷压接 (冷压针需单独订购)
Crimp terminal(Order crimp
contacts separately)

接插针排序/Contact
arrangement view
from termination side



订货号/Order NO.

公接插件/Male insert

母接插件/Female insert

型号

Type

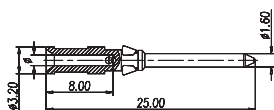
2 03 108 2101
2 03 216 2101

HDD-108-M(1-108)
HDD-108-M(109-216)

2 03 108 2201
2 03 216 2201

HDD-108-F(1-108)
HDD-108-F(109-216)

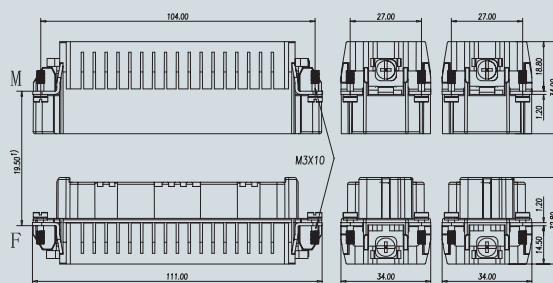
插针/Male



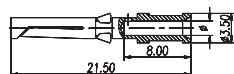
1)接插体之间最大距离24mm/Distance for contact max.24mm

冷压接/Crimp terminal

线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDM-0.14 2 02 000 1002	DDM-0.14	2 02 001 1002
0.5mm ²	AWG20	8.0mm	CDM-0.5 2 02 000 1005	DDM-0.5	2 02 001 1005
0.75mm ²	AWG18	8.0mm	CDM-0.75 2 02 000 1008	DDM-0.75	2 02 001 1008
1.0mm ²	AWG18	8.0mm	CDM-1.0 2 02 000 1010	DDM-1.0	2 02 001 1010
1.5mm ²	AWG16	8.0mm	CDM-1.5 2 02 000 1015	DDM-1.5	2 02 001 1015
2.5mm ²	AWG14	6.0mm	CDM-2.5 2 02 000 1025	DDM-2.5	2 02 001 1025

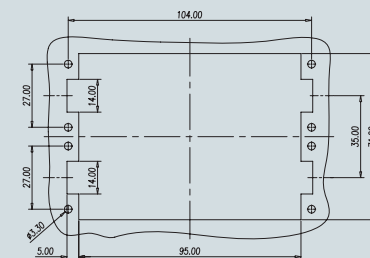


插孔/Female



不使用防护外壳时芯体的安装开孔图
Panel cut out for inserts for use without hoods/housings

线规 Wire gauge	剥线长度 Stripping length	镀银冷压接插针 Crimp contacts,silver-plated		镀金冷压接插针 Crimp contacts,gold-plated	
		型号/Type	订货号/Order NO.	型号/Type	订货号/Order NO.
0.14mm ²	AWG26-22	8.0mm	CDF-0.14 2 02 000 2002	DDF-0.14	2 03 001 2002
0.5mm ²	AWG20	8.0mm	CDF-0.5 2 02 000 2005	DDF-0.5	2 03 001 2005
0.75mm ²	AWG18	8.0mm	CDF-0.75 2 02 000 2008	DDF-0.75	2 03 001 2008
1.0mm ²	AWG18	8.0mm	CDF-1.0 2 02 000 2010	DDF-1.0	2 03 001 2010
1.5mm ²	AWG16	8.0mm	CDF-1.5 2 02 000 2015	DDF-1.5	2 03 001 2015
2.5mm ²	AWG14	6.0mm	CDF-2.5 2 02 000 2025	DDF-2.5	2 03 001 2025



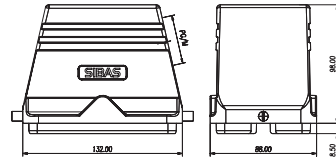
H48B 外壳 | H48B hoods/housings



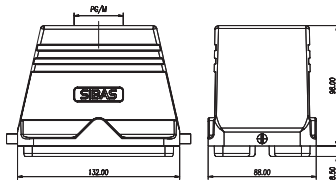
表面粉末镀层, RAL 7037
Powder-coated, RAL 7037

外型尺寸(mm)/Dimensions(mm)

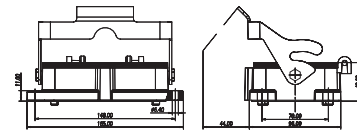
外壳上壳:侧面进线
Hood:Side entry



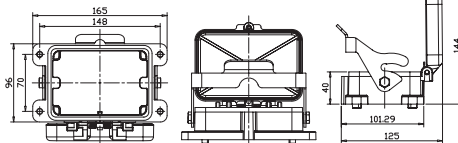
外壳上壳:顶部进线
Hood:Top entry



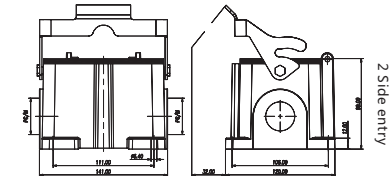
外壳底座:开孔安装
Bulkhead mounted



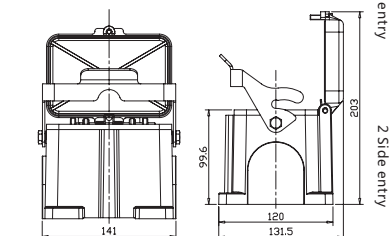
带保护盖/With protection cover



外壳底座:表面安装
Surface mounted:Side entry



外壳底座:表面安装带盖
Surface mounted with cover



Metr.	PG	型号/Type	订货号/Order NO.
M32 M40 M50 M63	PG29	H48B-TS-PG29	1 31 048 0129
	PG36	H48B-TS-PG36	1 31 048 0136
	PG42	H48B-TS-PG42	1 31 048 0142
		H48B-TS-M32	1 31 048 0132
		H48B-TS-M40	1 31 048 0140
		H48B-TS-M50	1 31 048 0150
		H48B-TS-M63	1 31 048 0163
M32 M40 M50 M63	PG29	H48B-TG-PG29	1 32 048 0129
	PG36	H48B-TG-PG36	1 32 048 0136
	PG42	H48B-TG-PG42	1 32 048 0142
		H48B-TG-M32	1 32 048 0132
		H48B-TG-M40	1 32 048 0140
		H48B-TG-M50	1 32 048 0150
		H48B-TG-M63	1 32 048 0163
		H48B-AG	1 50 048 0000
		H48B-AD	1 51 048 0000
M32 M40 M50	PG29	H48B-SGR-PG29	1 61 048 0129
	PG36	H48B-SGR-PG36	1 61 048 0136
	PG42	H48B-SGR-PG42	1 61 048 0148
		H48B-SGR-M32	1 61 048 0132
		H48B-SGR-M40	1 61 048 0140
		H48B-SGR-M50	1 61 048 0150
	PG29	H48B-SGR-2PG29	1 61 048 0229
	PG36	H48B-SGR-2PG36	1 61 048 0236
M32 M40 M50	PG42	H48B-SGR-2PG42	1 61 048 0248
		H48B-SGR-2M32	1 61 048 0232
		H48B-SGR-2M40	1 61 048 0240
		H48B-SGR-2M50	1 61 048 0250
M32 M40 M50	PG29	H48B-SDR-PG29	1 62 048 0129
	PG36	H48B-SDR-PG36	1 62 048 0136
	PG42	H48B-SDR-PG42	1 62 048 0148
		H48B-SDR-M32	1 62 048 0132
		H48B-SDR-M40	1 62 048 0140
		H48B-SDR-M50	1 62 048 0150
	PG29	H48B-SDR-2PG29	1 62 048 0229
	PG36	H48B-SDR-2PG36	1 62 048 0236
M32 M40 M50	PG42	H48B-SDR-2PG42	1 62 048 0248
		H48B-SDR-2M32	1 62 048 0232
		H48B-SDR-2M40	1 62 048 0240
		H48B-SDR-2M50	1 62 048 0250

HD
HDD

HD
HDD

调整后的插针分布
Modified contact
arrangement

HD和HDD接插体在装满插针时，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500V。

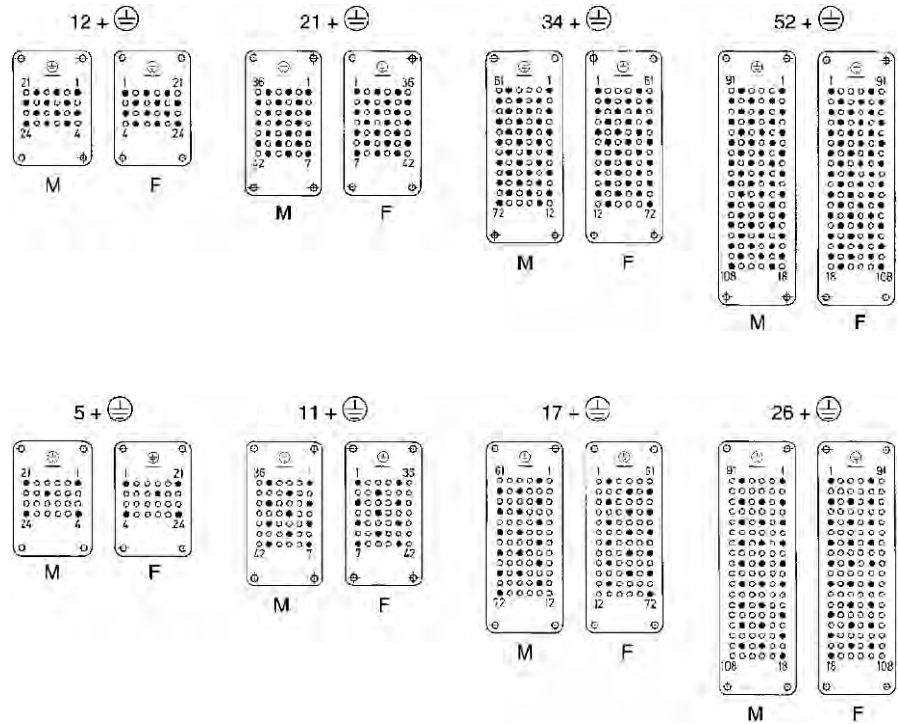
The connector series HDD and HD equipped with all contacts may be used for voltages up to 250V~insulation group C.A modified contact loading arrangement permits use up to 500V~also in insulation group C.

HDD系列
Series HDD
380V~绝缘等级C
Insulation group C

500V~绝缘等级C
Insulation group C

插针分布图

Contact arrangement view from termination side



● 装有插针的插孔
Working contact

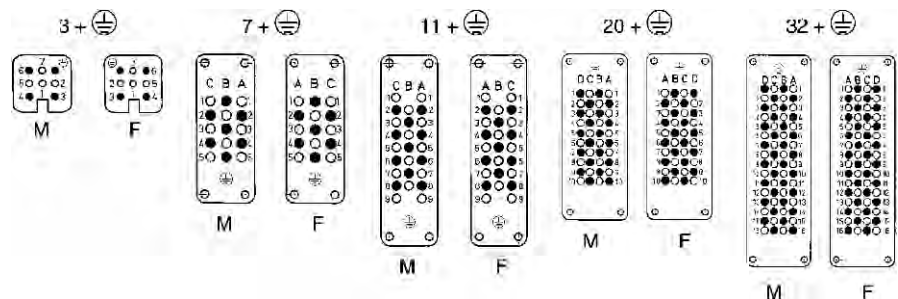
○ 不装插针的插孔
Without contact

M-公接插体
Male insert

F-公接插体
Female insert

插针分布图

Contact arrangement view from termination side



● 装有插针的插孔
Working contact

○ 不装插针的插孔
Without contact

M-公接插体
Male insert

F-公接插体
Female insert