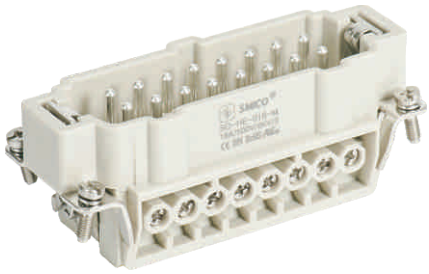
HE 系列 常规型插芯
HE Series Standard inserts





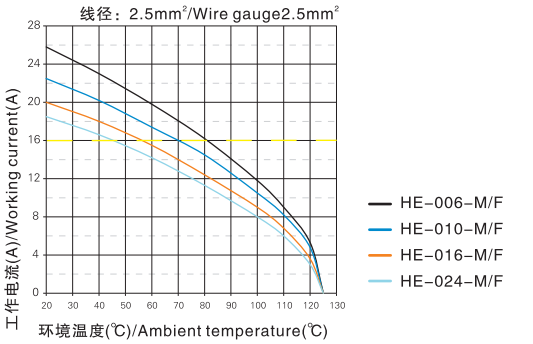
技术参数/Technical characteristics

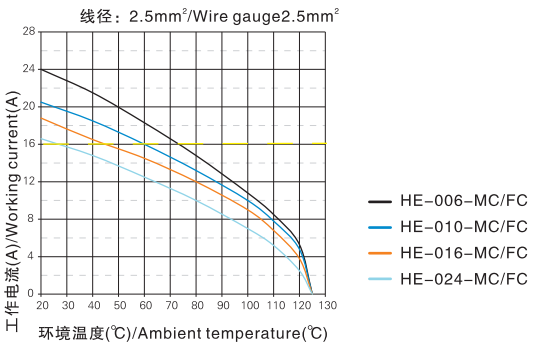
规范/认证 Specifications/Approvals	
规范/Specifications	DIN EN 60 664 DIN EN 61 984
认证/Approvals	
插芯/Inserts	
插插件针数/Number of contacts	6,10,16,24,32(2X16),48(2X24)+PE
依据EN61 984的额定电压/Electrical date acc.to DIN EN 61 984	
–额定电流/Rated current	16A
–额定电压/Rated voltage	500V
–额定脉冲电压/Rated impulse voltage	6KV
–污染程度/Pollution degree	3
–污染程度2时的参数/Pollution degres 2 also	16A 400/690V 6KV 2
依据UL/CSA额定电压/Rated voltage acc.to UL	600V
绝缘电阻/Insulation resistance	≥1010Ω
材料/Material	聚碳酸酯/Polycarbonate
工作温度范围/Limiting temperatures	-40℃...+125℃
依据UL94的阻燃等级/Flammability acc.to UL 94	V0
可拔插次数/Mechanical working life(mating cycles)	≥500
插针/Contacts	
材料/Material	铜合金/Copper alloy
表面处理/Surface	镀金/Hard-gold plated
	镀银/Hard-silver plated
接触电阻/Contact resistance	≤1mΩ
螺钉连接/Screw terminal	
–导线规格/Wrie gauge	0.75–2.5mm²
–AWG	18–14
–拧紧/检测力矩/Tightening/Test torque	0.5Nm
–剥线长度/Stripping lenght	7.0mm
冷压连接/Crimp terminal	
–导线规格/Wrie gauge	0.14–4.0mm²
–AWG	26–12
–剥线长度/Stripping length	7.5mm
弹片连接/Spring terminal	
–导线规格/Wrie gauge	0.14–2.5mm²
–AWG	26–14
–剥线长度/Stripping lenght	7–9mm

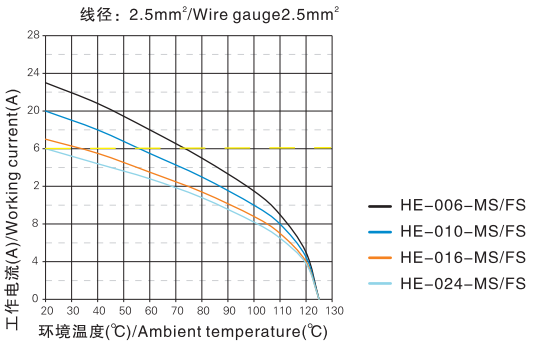
电流负载能力/Current carrying capacity

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

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals
Control and test procedures according to DIN EN60512–5







HE-006常规型插芯/HE-006 Standard inserts

500V 16A 6+⏚

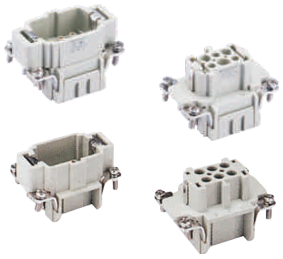
插芯 inserts

螺丝连接/Screw terminal

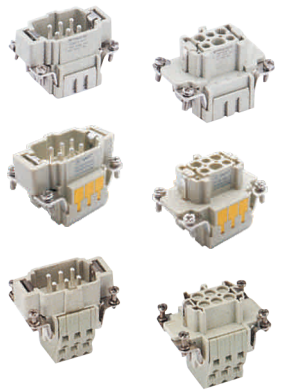


插芯/inserts	型号/Type
公/Male	SO-HE-006-M
母/Female	SO-HE-006-F

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



插芯/inserts	型号/Type
公/Male	SO-HE-006-MC[1]
母/Female	SO-HE-006-FC[1]
公/Male	SO-HE-006-MC/N[2]
母/Female	SO-HE-006-FC/N[2]

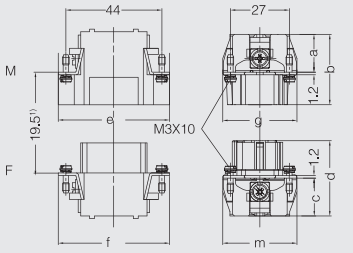


插芯/inserts	型号/Type
公/Male	SO-HE-006-MS
母/Female	SO-HE-006-FS
公/Male	SO-HE-006-MS B
母/Female	SO-HE-006-FS B

双弹片连接(一针双接线)
Double spring connection(Two terminal per contact)Only suitable for hight structure sheels

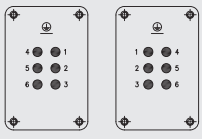
公/Male	SO-HE-006-MSS
母/Female	SO-HE-006-FSS

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

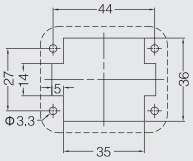


	a	b	e	g	c	d	f	m
M/F	16	32.4	51	34	16.8	34.5	50.5	34
MC/FC	18	33	51	34	18	35	50.5	34
MC/N / FC/N	18.3	34	51	34	19	36	51	34
MS/FS	18	33.3	51	34	18.2	35.4	50.5	34
MSS/FSS	34.5	49.5	50	34	33.4	50	50	34
MS B / FS B	19.5	34.7	51	34	19	36.5	51	34

接插针排序
Contact arrangement view from termination side



面孔安装开孔图
Panel cut out for inserts for use withouthoods/housings



冷压针 Crimp contacts

16A 冷压针/16A Crimp contacts

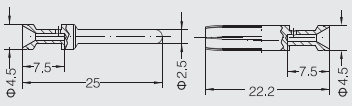
接触电阻≤1mΩ
Contact resistance≤1mΩ
镀银/Silver plated



镀金/Gold plated



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



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

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

工具/Tools

冷压钳
Crimping tool



压接线径/Wire gauge	型号/Type
0.5-4mm²	TL02G

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

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

退针器
Contact removal tool



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

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

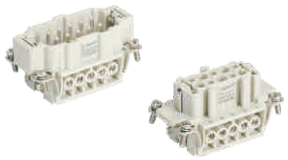
HE

HE–010常规型插芯/HE–010 Standard inserts

500V 16A 10+⏚

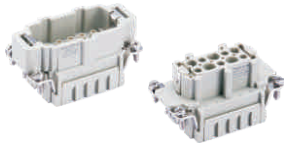
插芯 inserts

螺丝连接/Screw terminal

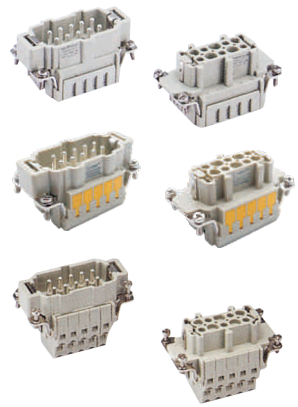


插芯/inserts	型号/Type
公/Male	SO–HE–010–M
母/Female	SO–HE–010–F

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



插芯/inserts	型号/Type
公/Male	SO–HE–010–MC[1)]
母/Female	SO–HE–010–FC[1)]
公/Male	SO–HE–010–MC/N[2)]
母/Female	SO–HE–010–FC/N[2)]

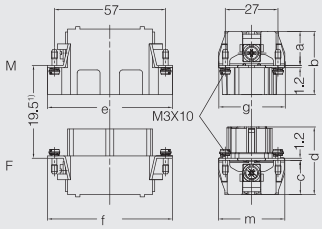


插芯/inserts	型号/Type
公/Male	SO–HE–010–MS
母/Female	SO–HE–010–FS
公/Male	SO–HE–010–MS B
母/Female	SO–HE–010–FS B

双弹片连接(一针双接线)
Double spring connection(Two terminal per contact)Only suitable for hight structure sheels

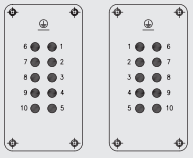
公/Male	SO–HE–010–MSS
母/Female	SO–HE–010–FSS

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

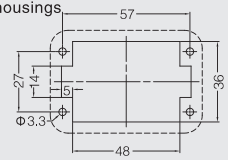


	a	b	e	g	c	d	f	m
M/F	16.5	32	64.5	34	16.8	34.2	64	34
MC/FC	18	33	64	34	17.5	35.2	64	34
MS/FS	18.5	33.5	64	34	18.5	35.6	64	34
MSS/FSS	34	49	64	34	33.5	49.5	63	34
MS B / FS B	19	34.5	64	34	18.6	36	64	34

接插针排序
Contact arrangement view from termination side



面孔安装开孔图
Panel cut out for inserts for use without hoods/housings



HE

冷压针 Crimp contacts

16A 冷压针/16A Crimp contacts

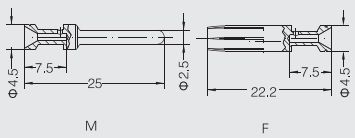
接触电阻≤1mΩ
Contact resistance≤1mΩ
镀银/Silver plated



镀金/Gold plated



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



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

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

工具/Tools

冷压钳
Crimping tool



压接线径/Wire gauge	型号/Type
0.5–4mm²	TL02G

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

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

退针器
Contact removal tool



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

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

HE-016常规型插芯/HE-016 Standard inserts

500V 16A 16+⏚

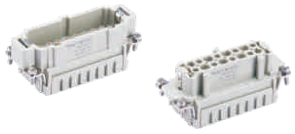
插芯 inserts

螺丝连接/Screw terminal

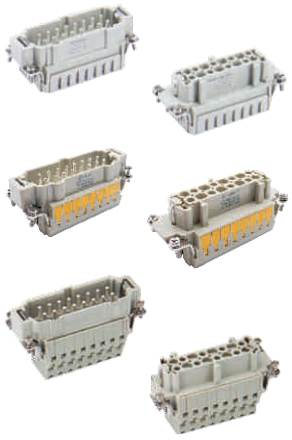


插芯/inserts	型号/Type
公/Male	SO-HE-016-M
母/Female	SO-HE-016-F

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



插芯/inserts	型号/Type
公/Male	SO-HE-016-MC[1)]
母/Female	SO-HE-016-FC[1)]
公/Male	SO-HE-016-MC/N[2)]
母/Female	SO-HE-016-FC/N[2)]

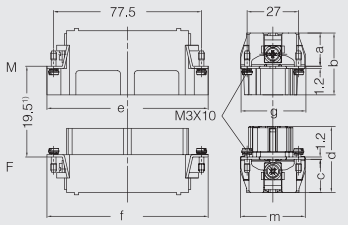


插芯/inserts	型号/Type
公/Male	SO-HE-016-MS
母/Female	SO-HE-016-FS
公/Male	SO-HE-016-MS B
母/Female	SO-HE-016-FS B

双弹片连接(一针双接线)
Double spring connection(Two terminal per contact)Only suitable for hight structure sheels

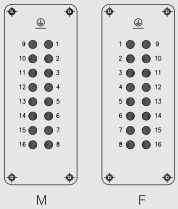
公/Male	SO-HE-016-MSS
母/Female	SO-HE-016-FSS

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

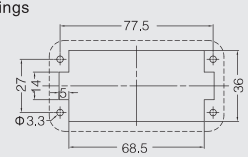


	a	b	e	g	c	d	f	m
M/F	17	32.5	84.2	34	17	34.5	84.2	33.5
MC/FC	18	33.5	84.5	34	18	35	84.5	34
MS/FS	18	33.7	84.5	34	18.2	35.5	84.5	34
MSS/FSS	34.3	49	84.5	34	32.2	49	84.5	34
MS B / FS B	19.6	34.7	84.3	34	18.6	36	84.5	34

接插针排序
Contact arrangement view from termination side



面孔安装开孔图
Panel cut out for inserts for use withouthoods/housings



冷压针 Crimp contacts

16A 冷压针/16A Crimp contacts

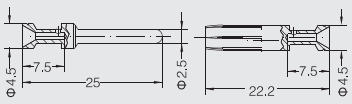
接触电阻≤1mΩ
Contact resistance≤1mΩ
镀银/Silver plated



镀金/Gold plated



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



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

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

工具/Tools

冷压钳
Crimping tool



压接线径/Wire gauge	型号/Type
0.5-4mm²	TL02G

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

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

退针器
Contact removal tool



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

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

HE

HE-024常规型插芯/HE-024 Standard inserts

500V 16A 24+⏚

插芯 inserts

螺丝连接/Screw terminal

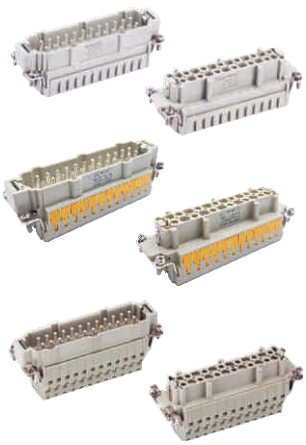


插芯/inserts	型号/Type
公/Male	SO-HE-024-M
母/Female	SO-HE-024-F

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



插芯/inserts	型号/Type
公/Male	SO-HE-024-MC[1)]
母/Female	SO-HE-024-FC[1)]



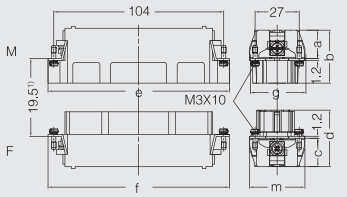
插芯/inserts	型号/Type
公/Male	SO-HE-024-MS
母/Female	SO-HE-024-FS
公/Male	SO-HE-024-MS B
母/Female	SO-HE-024-FS B

双弹片连接(一针双接线)
Double spring connection(Two terminal per contact)Only suitable for hight structure sheels

公/Male	SO-HE-024-MSS
母/Female	SO-HE-024-FSS

1)接插体之间最大距离21mm

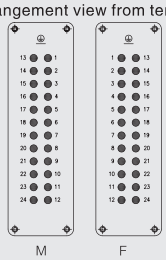
1)Distance for contact mas.21mm



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

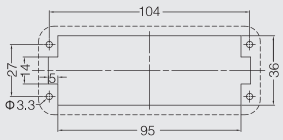
接插针排序

Contact arrangement view from termination side



面孔安装开孔图

Panel cut out for inserts for use without hoods/housings



HE

冷压针 Crimp contacts

16A 冷压针/16A Crimp contacts

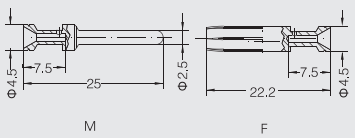
接触电阻≤1mΩ
Contact resistance≤1mΩ
镀银/Silver plated



镀金/Gold plated



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



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

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

工具/Tools

冷压钳
Crimping tool



压接线径/Wire gauge	型号/Type
0.5-4mm²	TL02G

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

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

退针器
Contact removal tool



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

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