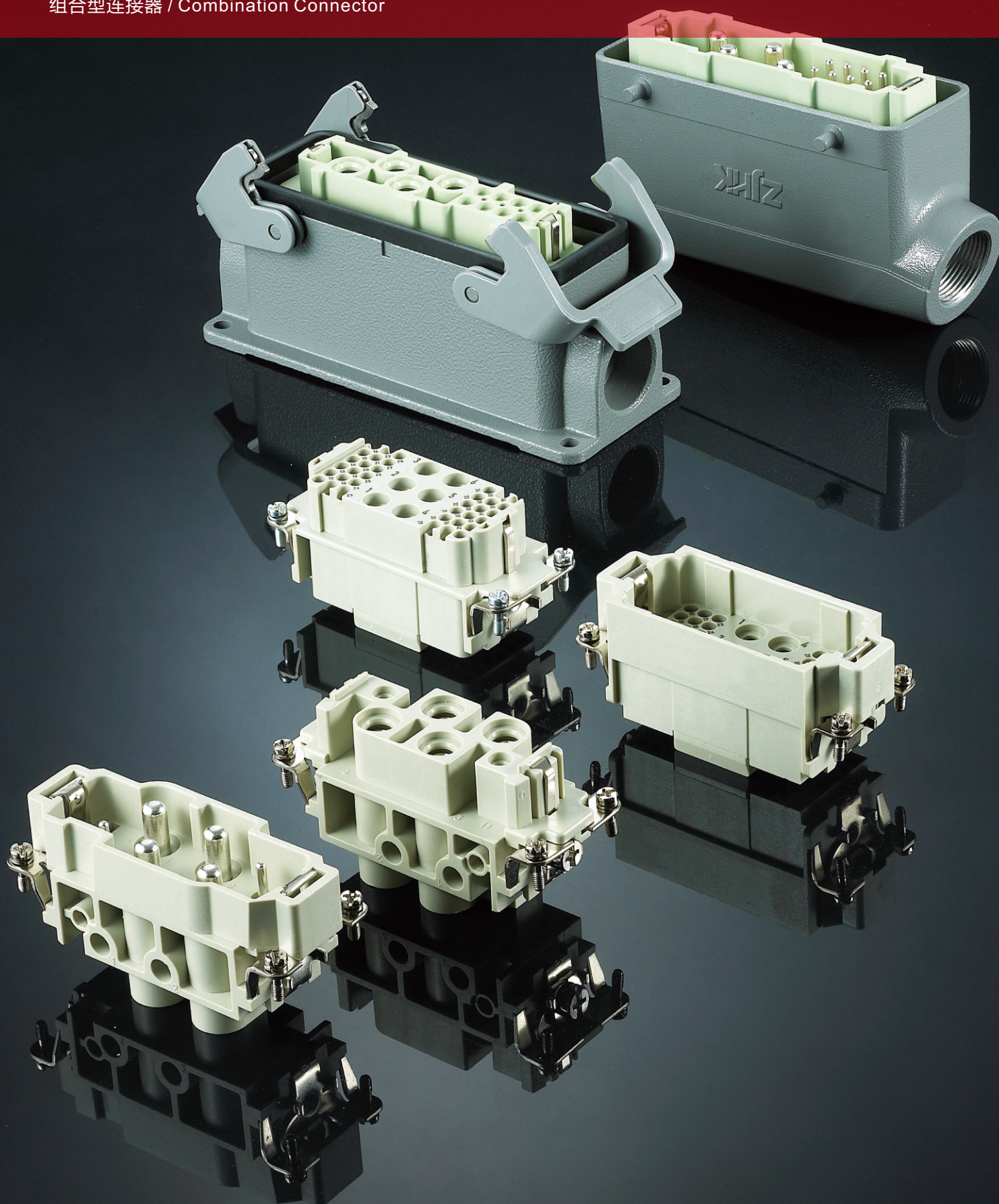


HK 系列 / HK SERIES

组合型连接器 / Combination Connector





HK-008/24 组合型插芯 Combination inserts

技术参数 Technical Characteristics

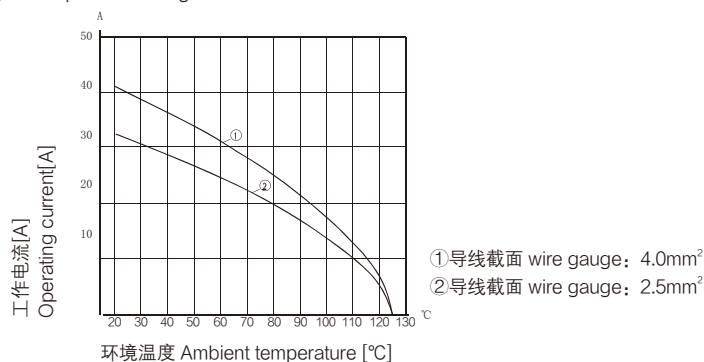
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	8/24+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	16A
-额定电压	-Rated Voltage	230/400V
-额定脉冲电压	-Rated Impulse Voltage	4kV
-污染程度	-Pollution Degree	3
-当污染程度2时的参数	-Pollution Degree 2 Also	10A 250V 4kV 2
信号区	Signal Area	
-额定电流	-Rated Current	10A
-额定电压	-Rated Voltage	160V
-额定脉冲电压	-Rated Impulse Voltage	2.5kV
-污染程度	-Pollution Degree	3
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600/300V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级	Flammability Acc. To UI94	V0
可拔插次数	MecHKnical Working Life-mating Cycles	≥ 500
插针	Contacts	
强电针	Power Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀金 Hard-gold Plated
		镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 1m \Omega$
-冷压连接	-Crimp Terminal	
- mm ²	-mm ²	0.5-4mm ²
- AWG	-AWG	20-12
信号针	Signal Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀金 Hard-gold Plated
		镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 3m \Omega$
-冷压连接	-Crimp Terminal	
- mm ²	-mm ²	0.14-2.5mm ²
- AWG	-AWG	25-14

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的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 Measuring and testing techniques according to DIN EN 60512-5



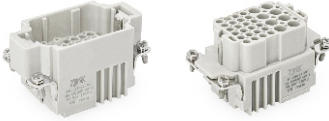
HK-008/24 组合型插芯 Combination inserts 400/160V 16/10A 8/24+Ⓢ

插芯 Inserts

外壳尺寸：匹配10B外壳，详情请参考16-01~16-13页

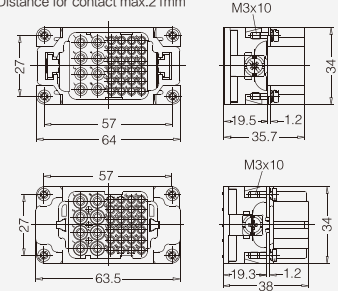
Hoods/Housings : Matching 10B Hood Housing , detail on P16-01~P16-13

冷压连接 Crimp Terminal

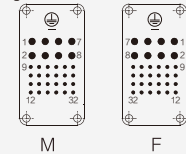


插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-008/24-MC	09380323001
母 Female	HK-008/24-FC	09380323101

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side



附件 Accessories

10A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀银 Silver plated

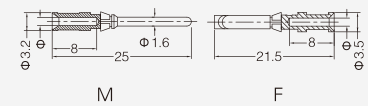


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDSM-0.37	09150006104	CDSM-0.37	09150006204
CDSM-0.5	09150006103	CDSM-0.5	09150006203
CDSM-0.75	09150006105	CDSM-0.75	09150006205
CDSM-1.0	09150006102	CDSM-1.0	09150006202
CDSM-1.5	09150006101	CDSM-1.5	09150006201
CDSM-2.5	09150006106	CDSM-2.5	09150006206

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGM-0.37	09150006224
CDGM-0.5	09150006123	CDGM-0.5	09150006223
CDGM-0.75	09150006125	CDGM-0.75	09150006225
CDGM-1.0	09150006122	CDGM-1.0	09150006222
CDGM-1.5	09150006121	CDGM-1.5	09150006221
CDGM-2.5	09150006126	CDGM-2.5	09150006226



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

16A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 1m\Omega$
镀银 Silver plated

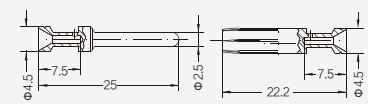


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CESM-0.37	09330006127	CESF-0.37	09330006227
CESM-0.5	09330006121	CESF-0.5	09330006220
CESM-0.75	09330006114	CESF-0.75	09330006214
CESM-1.0	09330006105	CESF-1.0	09330006205
CESM-1.5	09330006104	CESF-1.5	09330006204
CESM-2.5	09330006102	CESF-2.5	09330006202
CESM-3.0	09330006106	CESF-3.0	09330006206
CESM-4.0	09330006107	CESF-4.0	09330006207

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CEGM-0.37	09330006117	CEGF-0.37	09330006217
CEGM-0.5	09330006122	CEGF-0.5	09330006222
CEGM-0.75	09330006115	CEGF-0.75	09330006215
CEGM-1.0	09330006118	CEGF-1.0	09330006218
CEGM-1.5	09330006116	CEGF-1.5	09330006216
CEGM-2.5	09330006123	CEGF-2.5	09330006223
CEGM-4.0	09330006119	CEGF-4.0	09330006221



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

工具 Tools

冷压钳 Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.14-4mm ²	TL02G	09990000021

退针器 Removal tool



适用类型 For	型号 Type	订货号 Part Number
10A 冷压针 Crimp contacts	T100	09990000012

更多工具请参考 25-01~25-02页 More tools on P25-01~P25-02

HK-004/4 组合型插芯 Combination inserts

技术参数 Technical Characteristics

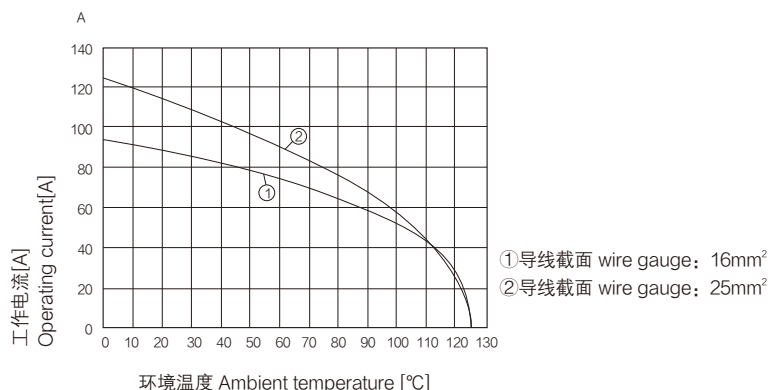
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	4/4+PE
依据 DIN 61984的电气数据	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	70A
-额定电压	-Rated Voltage	690V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
信号区	Signal Area	
-额定电流	-Rated Current	16A
-额定电压	-Rated Voltage	250V
-额定脉冲电压	-Rated Impulse Voltage	4kV
-污染程度	-Pollution Degree	3
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600V/230V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
电力区	Power Area	
材料	Material	铜合金 Copper Alloy
-表面处理	Surface treatment	镀银 Hard-silver Plated
-接触电阻	Contact Resistance	$\leq 0.5m\Omega$
-冷压连接	Crimp Terminal	
-mm ²	-mm ²	10-25mm ²
-AWG	-AWG	8-4
最大电缆直径	-Max.insulation diameter	11mm
-剥线长度	Wire stripping length	15.5mm
信号区	Signal Area	
-材料	Surface	铜合金 Copper Alloy
-表面处理	Surface treatment	镀银 Hard-silver Plated
-接触电阻	Contact Resistance	$\leq 1m\Omega$
-冷压连接	Crimp Terminal	
-mm ²	-mm ²	0.14-4mm ²
-AWG	-AWG	26-12


电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

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

测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5



HK-004/4 组合型插芯 Combination inserts 690/250V 70/16A 4/4+ 

插芯 Inserts

外壳尺寸：匹配10B外壳，详情请参考16-01~16-13页

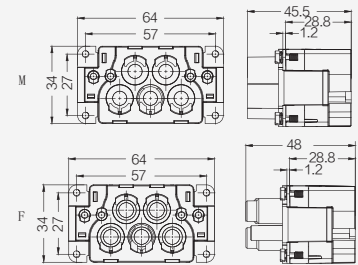
Hoods/Housings : Matching 10B Hood Housing , detail on P16-01~P16-13

冷压连接 Crimp Terminal

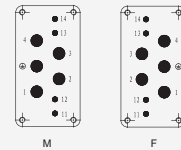


插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-004.1/4-M(6-16mm ²)	09380082601
	HK-004.2/4-M(10-22mm ²)	09380082701
母 Female	HK-004.1/4-F(6-16mm ²)	09380082602
	HK-004.2/4-F(10-22mm ²)	09380082702

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side





HK-004/0,004/2 组合型插芯 Combination inserts

技术参数 Technical Characteristics

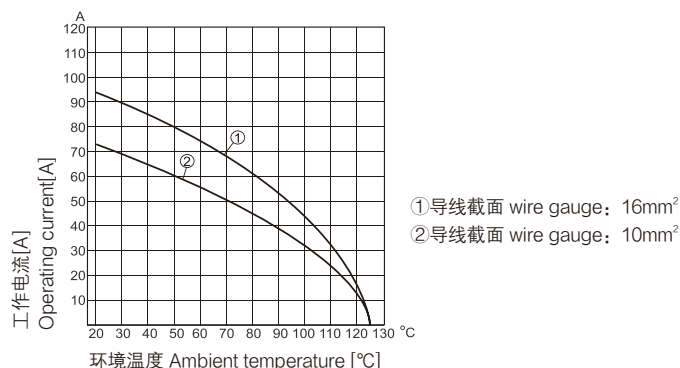
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	4/0, 4/2+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	80A
-额定电压	-Rated Voltage	830V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
-当污染程度2时的参数	-Pollution Degree 2 Also	80A 1000V 8kV 2
信号区	Signal Area	
-额定电流	-Rated Current	16A
-额定电压	-Rated Voltage	400V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
-当污染程度2时的参数	-Pollution Degree 2 Also	16A 400/690V 6kV 2
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600/300V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
电力区	Power Area	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 0.3m\Omega$
-螺钉连接	-Screw Terminal	
- mm ²	-mm ²	1.5-16mm ²
- AWG	-AWG	16-6
-拧紧力矩	-Tightening Torque	
- mm ²	- mm ²	1.5 2.5 4 6 10 16
- N.m	- N.m	1.2 2 3 3 3 3
-剥线长度	-Stripping length	14mm
信号区	Signal Area	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 1m\Omega$
-螺钉连接	-Screw Terminal	
- mm ²	-mm ²	0.5-2.5mm ²
- AWG	-AWG	20-14
-拧紧力矩	-Tightening Torque	0.5Nm
-剥线长度	-Stripping length	7.5mm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的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 Measuring and testing techniques according to DIN EN 60512-5



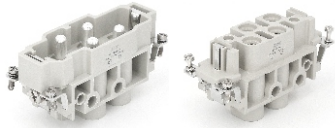
HK-004/0,004/2 组合型插芯 Combination inserts 830/400V 80/16A 4/0, 4/2+⊕

插芯 Inserts

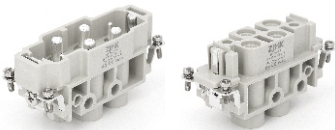
外壳尺寸：匹配16B外壳，详情请参考17-01~17-21页

Hoods/Housings : Matching 16B Hood Housing , detail on P17-01~17-21

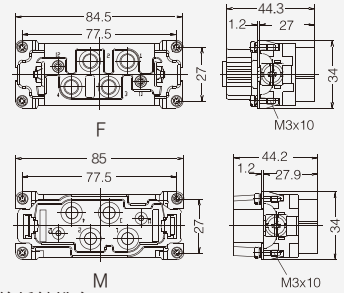
螺丝连接 Screw terminal



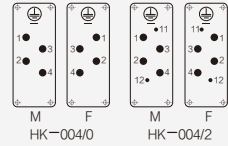
插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-004/0-M	09380062611
母 Female	HK-004/0-F	09380062711



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-004/2-M	09380062601
母 Female	HK-004/2-F	09380062701



接插针排序
Contacts arrangement view from termination side



HWK-006/6 组合型插芯 Combination inserts

技术参数 Technical Characteristics

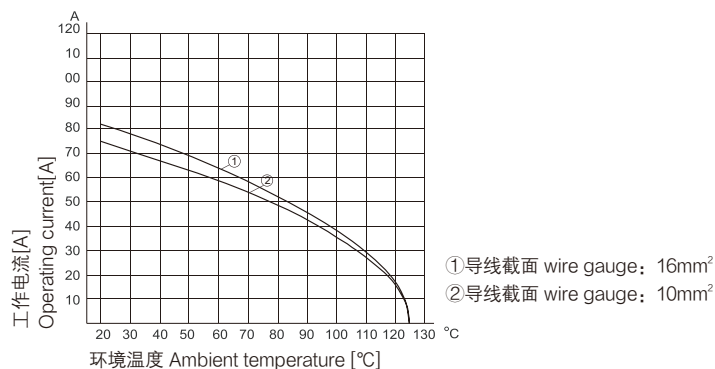
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	6/6+PE
依据 EN 61 984 的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
- 额定电流	- Rated Current	40A
- 额定电压	- Rated Voltage	400/690V
- 额定脉冲电压	- Rated Impulse Voltage	6kV
- 污染程度	- Pollution Degree	3
信号区	Signal Area	
- 额定电流	- Rated Current	16A
- 额定电压	- Rated Voltage	230/400V
- 额定脉冲电压	- Rated Impulse Voltage	4kV
- 污染程度	- Pollution Degree	3
依据 UL/CSA 额定电压	Rated Voltage Acc.to UI CSA	600/600V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级 (UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接线形式	Terminal	螺丝连接 Screw Terminal
接触电阻	Contact Resistance	
- 电力区	Power Area	$\leq 0.3m\Omega$
- 信号区	Signal Area	$\leq 1m\Omega$
导线规格	Wire gauge	
- 电力区	Power Area	
- mm ²	- mm ²	4-10mm ²
- AWG	- AWG	12-8
- 信号区	Signal Area	
- mm ²	- mm ²	1-2.5mm ²
- AWG	- AWG	18-4
拧紧力矩	Tightening Torque	
- 电力区	Power Area	mm ² 1.5 2.5 4 6 10 16 N.m 1.2 2 3 3 3 3
- 信号区	Signal Area	0.5N.m

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

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

测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5



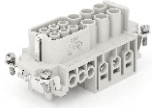
HWK-006/6 组合型插芯 Combination inserts 690/400V 40/16A 6/6+

插芯 Inserts

外壳尺寸：匹配16B外壳，详情请参考17-01~17-21页

Hoods/Housings：Matching 16B Hood Housing，detail on P17-01~17-21

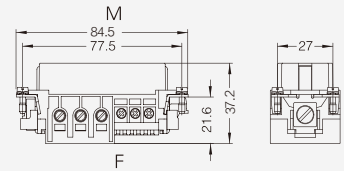
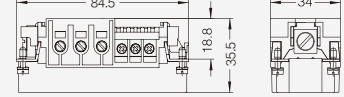
螺丝连接 Screw terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HWK-006/6-M	09380122801
母 Female	HWK-006/6-F	09380122901

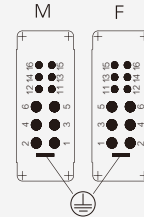
接插体之间的最大距离21mm

Distance for contact max.21mm



接插针排序

Contacts arrangement view from termination side



HK-006/12 组合型插芯 Combination inserts

技术参数 Technical Characteristics

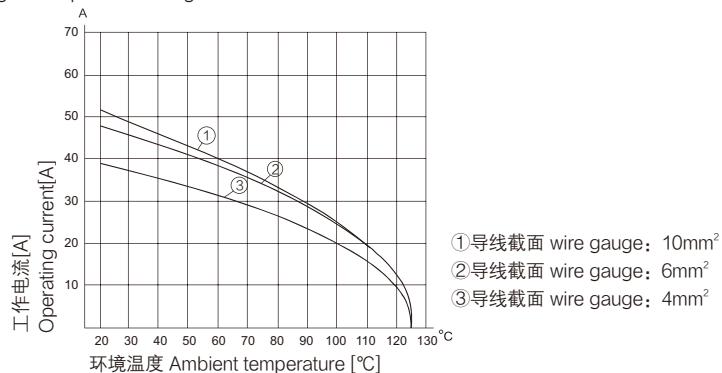
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	6/12+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	40A
-额定电压	-Rated Voltage	690V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
信号区	Signal Area	
-额定电流	-Rated Current	10A
-额定电压	-Rated Voltage	230/400V
-额定脉冲电压	-Rated Impulse Voltage	4kV
-污染程度	-Pollution Degree	3
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600/300V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
强电针	Power Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 0.5m\Omega$
-轴向螺钉连接	-Axial Screw Terminal	
- mm ²	-mm ²	2.5-10mm ²
- AWG	-AWG	14-8
-最大绝缘直径	-Max. Insulation Diameter	6.1mm
-拧紧力矩	-Tightening Torque	
- mm ²	- mm ²	2.5 4 6 10
- N.m	- N.m	1.5 1.5 2 2
-剥线长度	-Stripping length	
- mm ²	- mm ²	2.5 4 6 10
- mm	- mm	5 ⁺ 5 ⁺ 8 ⁺ 8 ⁺
信号针	Signal Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 3m\Omega$
-轴向螺钉连接	-Axial Screw Terminal	
- mm ²	-mm ²	0.2-2.5mm ²
- AWG	-AWG	24-14
-拧紧力矩	-Tightening Torque	0.8Nm
-剥线长度	-Stripping length	7.5mm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的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 Measuring and testing techniques according to DIN EN 60512-5



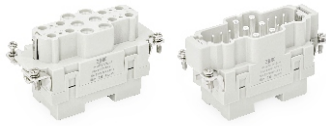
HK-006/12 组合型插芯 Combination inserts 690/400V 40/10A 6/12+

插芯 Inserts

外壳尺寸：匹配16B外壳，详情请参考17-01~17-21页

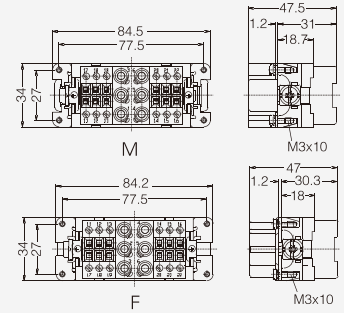
Hoods/Housings : Matching 16B Hood Housing , detail on P17-01~17-21

轴向螺栓连接/螺钉连接 Axial Screw Terminal/Screw terminal

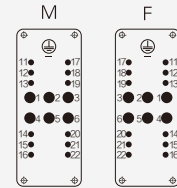


插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-006.1/12-M(2.5-8mm ²)	09380182601
	HK-006.2/12-M(6-10mm ²)	09380182602
母 Female	HK-006.1/12-F(2.5-8mm ²)	09380182701
	HK-006.2/12-F(6-10mm ²)	09380182702

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side



附件 Accessories

工具 Tools

内六角扳手
hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带T型把手 For Axial Setscrew With Grip	SW-2x40	09990000313

HK-006/36 组合型插芯 Combination inserts

技术参数 Technical Characteristics

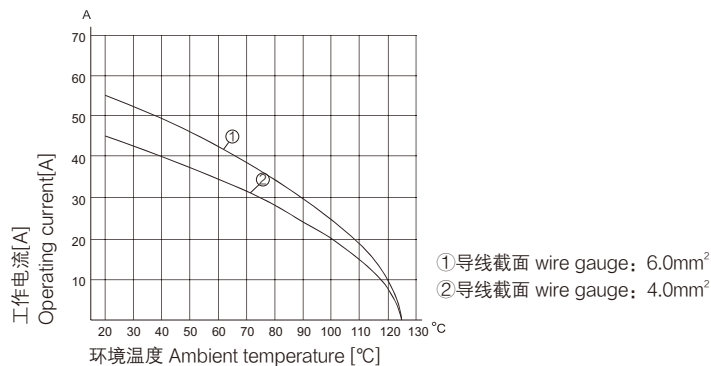
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	6/36+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	40A
-额定电压	-Rated Voltage	690V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
信号区	Signal Area	
-额定电流	-Rated Current	10A
-额定电压	-Rated Voltage	160V
-额定脉冲电压	-Rated Impulse Voltage	2.5kV
-污染程度	-Pollution Degree	3
-当污染程度2时的参数	-Pollution Degree 2 Also	10A 250V 4kV 2
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600/300V
绝缘电阻	Insulation Resistance	$\geq 10^{11} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
强电针	Power Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
-接触电阻	-Contact Resistance	$\leq 0.3m\Omega$
-冷压连接	-Crimp Terminal	
- mm ²	-mm ²	1.5-6mm ²
- AWG	-AWG	16-10
-最大绝缘直径	-Max. Insulation Diameter	5mm
信号针	Signal Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated 镀金 Hard-gold Plated
-接触电阻	-Contact Resistance	$\leq 3m\Omega$
-冷压连接	-Crimp Terminal	
- mm ²	-mm ²	0.14-2.5mm ²
- AWG	-AWG	26-14

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的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 Measuring and testing techniques according to DIN EN 60512-5



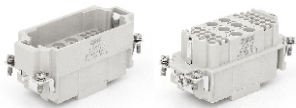
HK-006/36 组合型插芯 Combination inserts 690/160V 40/10A 6/36+ ⊕

插芯 Inserts

外壳尺寸：匹配16B外壳，详情请参考17-01~17-21页

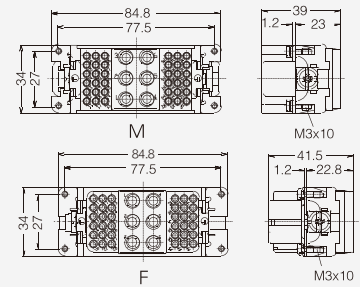
Hoods/Housings：Matching 16B Hood Housing，detail on P17-01~17-21

冷压连接 Crimp Terminal

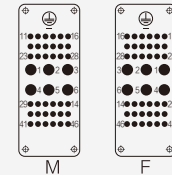


插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-006/36-MC	09380423001
母 Female	HK-006/36-FC	09380423101

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side



附件 Accessories

10A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀银 Silver plated

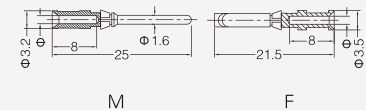


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDSM-0.37	09150006104	CDSM-0.37	09150006204
CDSM-0.5	09150006103	CDSM-0.5	09150006203
CDSM-0.75	09150006105	CDSM-0.75	09150006205
CDSM-1.0	09150006102	CDSM-1.0	09150006202
CDSM-1.5	09150006101	CDSM-1.5	09150006201
CDSM-2.5	09150006106	CDSM-2.5	09150006206

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGM-0.37	09150006224
CDGM-0.5	09150006123	CDGM-0.5	09150006223
CDGM-0.75	09150006125	CDGM-0.75	09150006225
CDGM-1.0	09150006122	CDGM-1.0	09150006222
CDGM-1.5	09150006121	CDGM-1.5	09150006221
CDGM-2.5	09150006126	CDGM-2.5	09150006226



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

40A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 1m\Omega$
镀银 Silver plated

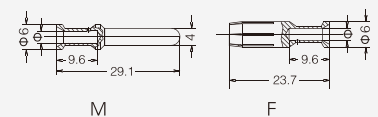


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCSM-1.5	09320006104	CCSF-1.5	09320006204
CCSM-2.5	09320006105	CCSF-2.5	09320006205
CCSM-4.0	09320006107	CCSF-4.0	09320006207
CCSM-6.0	09320006108	CCSF-6.0	09320006208

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCGM-1.5	09320006124	CCGF-1.5	09320006224
CCGM-2.5	09320006125	CCGF-2.5	09320006225
CCGM-4.0	09320006127	CCGF-4.0	09320006227
CCGM-6.0	09320006128	CCGF-6.0	09320006228



线规 Wire gauge	Φ	剥线长度 Stripping length
1.5 mm ² AWG 16	1.75	9 mm
2.5 mm ² AWG 14	2.25	9 mm
4 mm ² AWG 12	2.85	9.6 mm
6 mm ² AWG 10	3.5	9.6 mm

工具 Tools

冷压钳 Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.14-4mm ²	TL02G	09990000021
1.5-6mm ²	TL02-0G	09990000110

退针器 Removal tool



适用类型 For	型号 Type	订货号 Part Number
10A 冷压针 Crimp contacts	TL00	09990000012
40A 冷压针 Crimp contacts	TL06	099900000305

HK-012/2 组合型插芯 Combination inserts

技术参数 Technical Characteristics

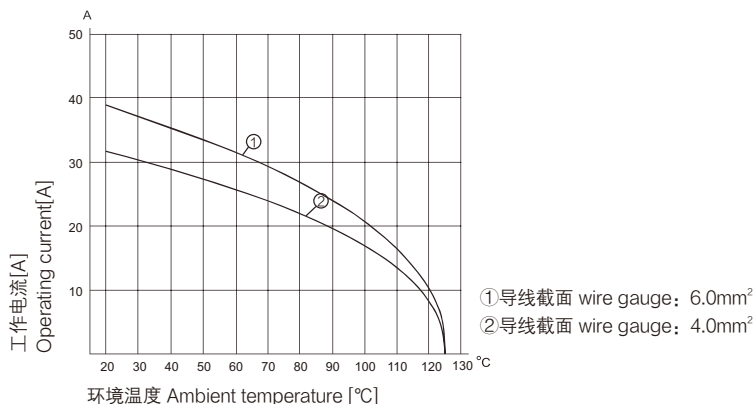
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	12/2+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	40A
-额定电压	-Rated Voltage	690V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
信号区	Signal Area	
-额定电流	-Rated Current	10A
-额定电压	-Rated Voltage	250V
-额定脉冲电压	-Rated Impulse Voltage	4kV
-污染程度	-Pollution Degree	3
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600/300V
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
强电针	Power Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
		镀金 Hard-gold Plated
-接触电阻	-Contact Resistance	$\leq 0.3m\Omega$
-冷压连接	-Crimp Terminal	
- mm ²	-mm ²	1.5-6mm ²
- AWG	-AWG	16-10
-最大绝缘直径	-Max. Insulation Diameter	
信号针	Signal Contacts	铜合金 Copper Alloy
-材料	-Material	镀银 Hard-silver Plated
-表面处理	-Surface	镀金 Hard-gold Plated
		$\leq 3m\Omega$
-接触电阻	-Contact Resistance	
-冷压连接	-Crimp Terminal	
- mm ²	-mm ²	0.14-2.5mm ²
- AWG	-AWG	26-14

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的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 Measuring and testing techniques according to DIN EN 60512-5



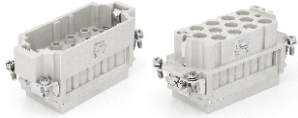
HK-012/2 组合型插芯 Combination inserts 690/250V 40/10A 12/2+⊕

插芯 Inserts

外壳尺寸：匹配16B外壳，详情请参考17-01~17-21页

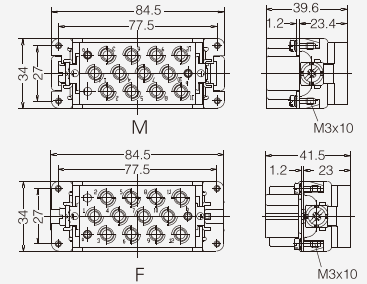
Hoods/Housings : Matching 16B Hood Housing , detail on P17-01~17-21

冷压连接 Crimp Terminal



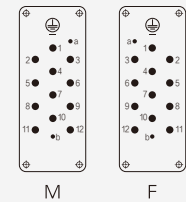
插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-012/2-MC	09320123001
母 Female	HK-012/2-FC	09320123101

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序

Contacts arrangement view from termination side



附件 Accessories

10A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 3m\Omega$
镀银 Silver plated

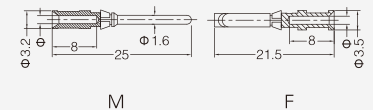


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDSM-0.37	09150006104	CDSM-0.37	09150006204
CDSM-0.5	09150006103	CDSM-0.5	09150006203
CDSM-0.75	09150006105	CDSM-0.75	09150006205
CDSM-1.0	09150006102	CDSM-1.0	09150006202
CDSM-1.5	09150006101	CDSM-1.5	09150006201
CDSM-2.5	09150006106	CDSM-2.5	09150006206

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CDGM-0.37	09150006124	CDGM-0.37	09150006224
CDGM-0.5	09150006123	CDGM-0.5	09150006223
CDGM-0.75	09150006125	CDGM-0.75	09150006225
CDGM-1.0	09150006122	CDGM-1.0	09150006222
CDGM-1.5	09150006121	CDGM-1.5	09150006221
CDGM-2.5	09150006126	CDGM-2.5	09150006226



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

40A 冷压针 Crimp contacts

接触电阻 Contact resistance $\leq 1m\Omega$
镀银 Silver plated

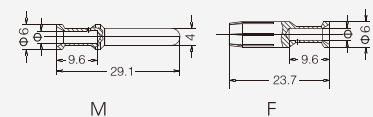


公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCSM-1.5	09320006104	CCSF-1.5	09320006204
CCSM-2.5	09320006105	CCSF-2.5	09320006205
CCSM-4.0	09320006107	CCSF-4.0	09320006207
CCSM-6.0	09320006108	CCSF-6.0	09320006208

镀金 Gold plated



公 Male	订货号 Part Number	母 Female	订货号 Part Number
CCGM-1.5	09320006124	CCGF-1.5	09320006224
CCGM-2.5	09320006125	CCGF-2.5	09320006225
CCGM-4.0	09320006127	CCGF-4.0	09320006227
CCGM-6.0	09320006128	CCGF-6.0	09320006228



线规 Wire gauge	Φ	剥线长度 Stripping length
1.5 mm ² AWG 16	1.75	9 mm
2.5 mm ² AWG 14	2.25	9 mm
4 mm ² AWG 12	2.85	9.6 mm
6 mm ² AWG 10	3.5	9.6 mm

工具 Tools

冷压钳 Crimping tool



压接线径 Wire gauge	型号 Type	订货号 Part Number
0.14-4mm ²	TL02G	09990000021
1.5-6mm ²	TL02-0G	09990000110

退针器 Removal tool



适用类型 For	型号 Type	订货号 Part Number
10A 冷压针 Crimp contacts	TL00	09990000012
40A 冷压针 Crimp contacts	TL06	099900000305

HK-006/6 组合型插芯 Combination inserts

技术参数 Technical Characteristics

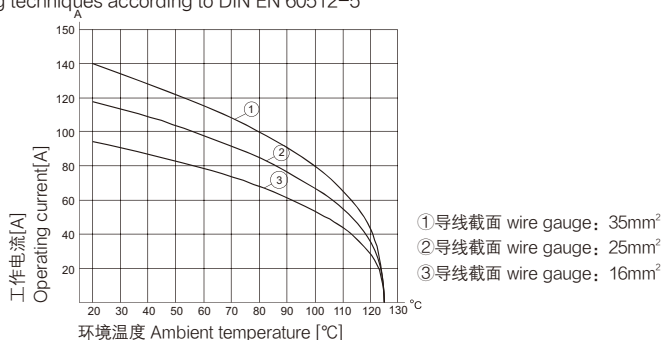
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	6/6+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	100A
-额定电压	-Rated Voltage	690V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
-当污染程度2时的参数	-Pollution Degree 2 Also	100A 1000V 8kV 2
信号区	Signal Area	
-额定电流	-Rated Current	16A
-额定电压	-Rated Voltage	400V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
依据UL额定电压	Rated Voltage Acc.toUI	600/300V
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600/600V
依据UL/CSA额定电流	Rated Current Acc.to UI CSA	100/15A
绝缘电阻	Insulation Resistance	$\geq 10^{11}\Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
强电针	Power Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 0.5m\Omega$
-轴向螺钉连接	-Axial Screw Terminal	
-mm ²	-mm ²	16-35mm ²
-AWG	-AWG	5-2
-最大绝缘直径	-Max. Insulation Diameter	11.4mm
-拧紧力矩	-Tightening Torque	
-mm ²	-mm ²	16 25 35
-N.m	-N.m	6 7 8
-剥线长度	-Stripping length	13 ⁺¹ mm
信号针	Signal Contacts	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 3m\Omega$
-轴向螺钉连接	-Axial Screw Terminal	
-mm ²	-mm ²	0.2-2.5mm ²
-AWG	-AWG	24-13
-拧紧力矩	-Tightening Torque	0.8Nm
-剥线长度	-Stripping length	7.5mm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的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 Measuring and testing techniques according to DIN EN 60512-5



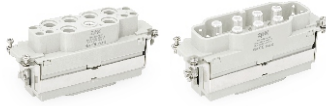
HK-006/6 组合型插芯 Combination inserts 690/400V 100/16A 6/6+⊕

插芯 Inserts

外壳尺寸：匹配24B外壳，详情请参考18-01~18-22页

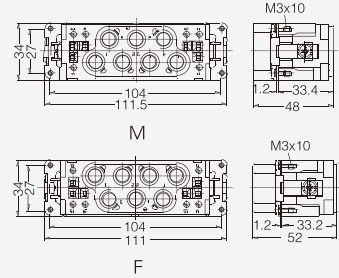
Hoods/Housings：Matching 24B Hood Housing，detail on P18-01~18-22

轴向螺钉连接 Axial Screw Terminal

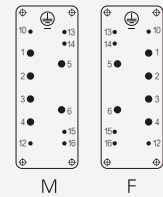


插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-006/6-M	09380122651
母 Female	HK-006/6-F	09380122751

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side



附件 Accessories

工具 Tools

内六角扳手
hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带T型把手 For Axial Setscrew With Grip	SW-4x100	09990000363

HK-008/0 组合型插芯 Combination inserts

技术参数 Technical Characteristics

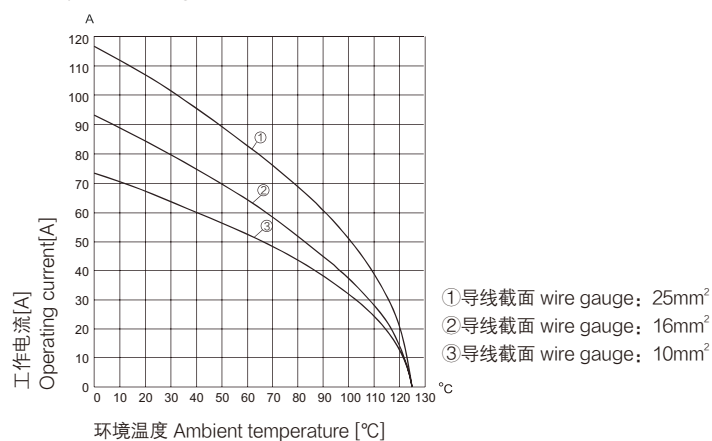
规范	Specifications	
规范	Specifications	DIN EN 60 664
		DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	8/0+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	100A
-额定电压	-Rated Voltage	690V
-额定脉冲电压	-Rated Impulse Voltage	8kV
-污染程度	-Pollution Degree	3
-当污染程度2时的参数	-Pollution Degree 2 Also	100A 1000V 8kV 2
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600V
依据UL/CSA额定电流	Rated Current Acc.to UI CSA	82A
绝缘电阻	Insulation Resistance	$\geq 10^{10} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可拔插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
材料	Material	铜合金 Copper Alloy
表面处理	Surface	镀银 Hard-silver Plated
接触电阻	Contact Resistance	$\leq 0.5m\Omega$
轴向螺钉连接	Axial Screw Terminal	
- mm ²	-mm ²	10-25mm ²
- AWG	-AWG	7-3
最大绝缘直径	Max. Insulation Diameter	11.4mm
拧紧力矩	Tightening Torque	
- mm ²	- mm ²	10 16 25
- AWG	- AWG	6 6 7
剥线长度	Stripping length	13 ⁺¹ mm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的接插体可承受的最大温度

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

测试和控制过程依据 Measuring and testing techniques according to DIN EN 60512-5



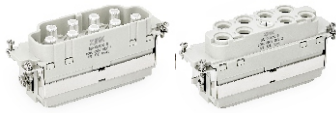
HK-008/0 组合型插芯 Combination inserts 690V/100A 8/0+ ⊕

插芯 Inserts

外壳尺寸：匹配24B外壳，详情请参考18-01~18-22页

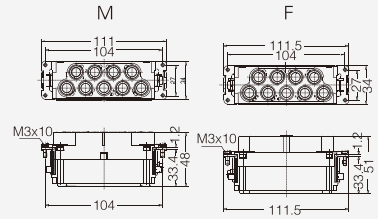
Hoods/Housings : Matching 24B Hood Housing , detail on P18-01~18-22

轴向螺钉连接 Axial Screw Terminal

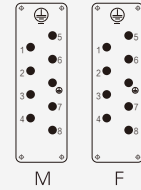


插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-008/0-M	09380082653
母 Female	HK-008/0-F	09380082753

接插体之间的最大距离21mm
Distance for contact max.21mm



接插针排序
Contacts arrangement view from termination side



附件 Accessories

工具 Tools

内六角扳手
hexagonal driver



描述 Description	型号 Type	订货号 Part Number
用于轴向夹紧螺栓 带T型把手 For Axial Setscrew With Grip	SW-4x100	09990000363

HK-004/8 组合型插芯 Combination inserts

技术参数 Technical Characteristics

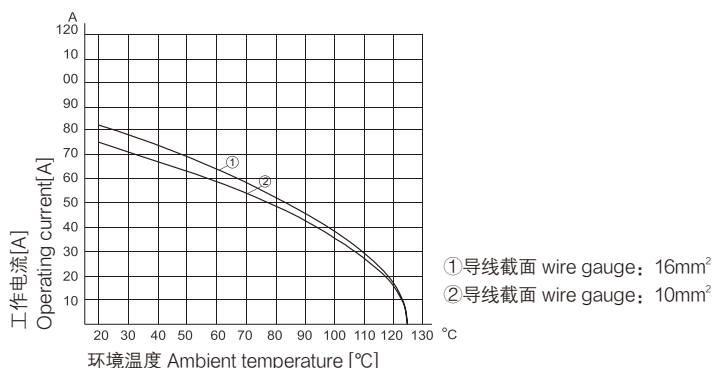
规范	Specifications	
规范	Specifications	DIN EN 60 664
规范	Specifications	DIN EN 61 984
插芯	Inserts	
接插件针数	Number Of Contacts	4/8+PE
依据 EN 61 984的额定电压	Electrical Data Acc. To EN 61 984	
电力区	Power Area	
-额定电流	-Rated Current	80A
-额定电压	-Rated Voltage	400V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
-当污染程度2时的参数	-Pollution Degree 2 Also	80A 400/690V 6kV 2
信号区	Signal Area	
-额定电流	-Rated Current	16A
-额定电压	-Rated Voltage	400V
-额定脉冲电压	-Rated Impulse Voltage	6kV
-污染程度	-Pollution Degree	3
依据UL/CSA额定电压	Rated Voltage Acc.to UI CSA	600/600V
绝缘电阻	Insulation Resistance	$\geq 10^{11} \Omega$
材料	Material	聚碳酸酯 Polycarbonate
工作温度范围	Limiting Temperatures	-40°C...+125°C
阻燃等级(UL94)	Flammability Acc. To UI94	V0
可接插次数	Mechanical Working Life-mating Cycles	≥ 500
插针	Contacts	
电力区	Power Area	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 0.3m\Omega$
-螺钉连接	-Screw Terminal	
- mm ²	-mm ²	1.5-16mm ²
- AWG	-AWG	16-6
-拧紧力矩	-Tightening Torque	
- mm ²	- mm ²	1.5 2.5 4 6 10 16
- N.m	- N.m	1.2 2 3 3 3 3
-剥线长度	-Stripping length	14mm
信号区	Signal Area	
-材料	-Material	铜合金 Copper Alloy
-表面处理	-Surface	镀银 Hard-silver Plated
-接触电阻	-Contact Resistance	$\leq 1m\Omega$
-螺钉连接	-Screw Terminal	
- mm ²	-mm ²	0.5-2.5mm ²
- AWG	-AWG	20-14
-拧紧力矩	-Tightening Torque	0.5Nm
-剥线长度	-Stripping length	7.5mm

电流负载能力 Current Carrying Capacity

电流负载能力所受的限制主要来自包含接插针的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 Measuring and testing techniques according to DIN EN 60512-5



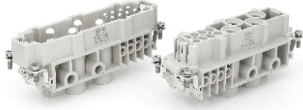
HK-004/8 组合型插芯 Combination inserts 400/400V 80/16A 4/8+⊕

插芯 Inserts

外壳尺寸：匹配24B外壳，详情请参考18-01~18-22页

Hoods/Housings：Matching 24B Hood Housing，detail on P18-01~18-22

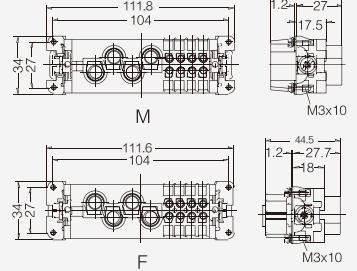
螺丝连接 Screw terminal



插芯 Inserts	型号 Type	订货号 Part Number
公 Male	HK-004/8-M	09380122601
母 Female	HK-004/8-F	09380122701

接插体之间的最大距离21mm

Distance for contact max.21mm



接插针排序

Contacts arrangement view from termination side

