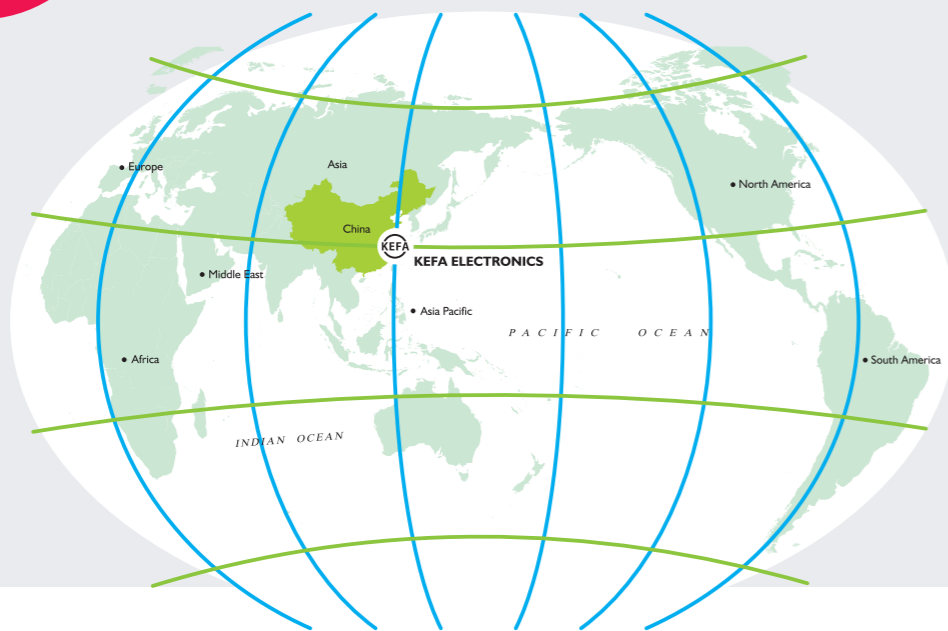




科发电子
高品质接线端子领先者

THE LEAD OF HIGH END TERMINAL BLOCK &
CONNECTOR MANUFACTURER



微信公众号



HEAVY DUTY CONNECTOR

重载连接器

Version: 2023.1

www.cnkefa.com



科发电子
KEFA ELECTRONICS



BRIEF INDUCTION 企业简介

慈溪市科发电子有限公司成立于1990年，是一家集研发设计，生产制造，售后服务为一体的规模化公司。公司秉承着以技术为核心，以战略为导向，以人文为灵魂的发展理念，在接线端子连接器行业一路领先；迄今为止，一共发展出10大类产品，10000余款种类，客户覆盖工业控制系统，轨道交通，安防，电梯，照明灯等行业。

公司占地20000平方米，其中建设厂房面积40000平方米，通过ISO9001，ISO14001，IATF16949等体系认证，用标准流程严格把控生产品质。2006年公司率先在行业内设立有经过德国VDE和美国UL认证的目击实验室，拥有膜厚测试仪，针焰测试仪，硬度测试仪，高低温交变测试机，温升测试仪等。

科发电子有限公司立足制造根本，展望工业4.0，致力于成为接线端子领先者，让连接更加简洁，更加安全，更加智能。

继承大国制造，工匠精神是我们动力的源泉，我们的目标是成为一家多元化，多行业成套电气连接解决方案的供应商

CIXI KEFA ELECTRONICS CO.,LTD established in 1990, is an enterprise integrating research and development, production, after-sales service. The company has leading the field for decades rely on the core technology, culture as soul, strategy as directive. The company has ten series products which including 10000 styles. Our customer came from several industry which cover industrial automation, rail systems, security and protection, lighting, elevator system.

KEFA occupied the factory area for 25000sqms with the building area of 40000sqms. Our factory have been granted ISO9001, ISO14001 management system certification. KEFA is the first one who has set witness laboratory in2006, possess film thickness measurement machine, needle flame tester, stiffness tester and temperature rising machine.

KEFA based on manufacturing fundamentals and looking forward to Industry 4.0, is committed to becoming a leader in terminal blocks to make connections simpler, safer and more intelligent.

Inheriting the manufacturing of large countries, the craftsmanship is the source of our power. Our ambition is to become a diversified, multi industry system supplier of complete sets of electrical connection solutions

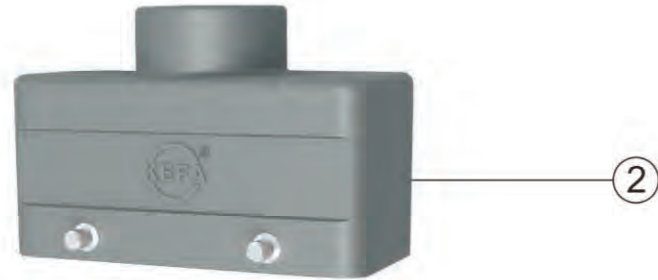
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主要部件 Main components



① 电缆接头/Cable gland:
有M制与PG制螺纹区分, 选择时需看电缆或连接导线线径大小情况而定。
M type thread or PG type thread ,depending on wire range of cables or conductors.



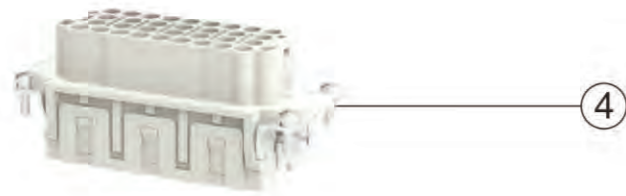
② 防护外壳上座/Hoods:
有标准结构或高结构, 顶部或侧面出线, 2耳或4耳, 单扣或双扣形式。
Standard or high construction, top or side cable entry, 2 or 4 locking point, 1 or 2 locking levers.



③ 公插针&母插针/Male contact & Female contact:
材料通常为铜合金, 表面通常为镀银, 也可选择镀金。
Normal material is copper alloy, silver plated or gold plated.



④ 公插体&母插体/Male insert & Female insert:
连接方式有螺钉压接, 冷压压接, 笼式连接, 弹簧连接。
Male insert with screw connection or crimp connection or cage-clamp connection or push-in connection.



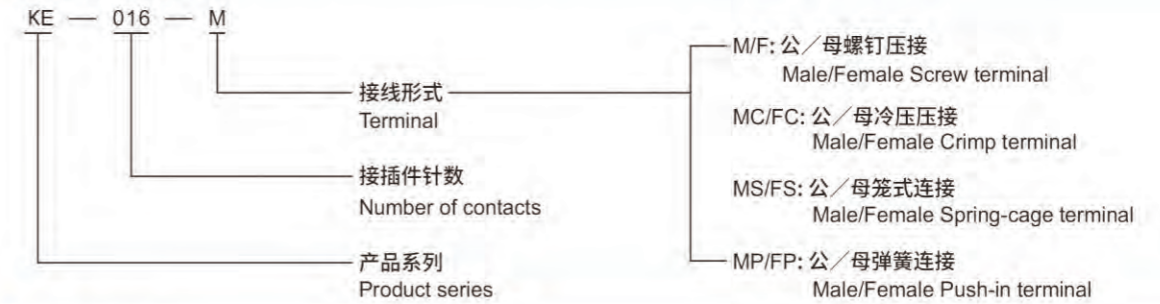
⑤ 防护外壳底座/Housing:
有开孔安装, 表面安装及电缆对接: 底座上锁扣方式有单扣或双扣及2耳、4耳的区分。
Bulkhead mounting, surface mounting or cable to cable type, with 1 or 2 locking levers and 2 or 4 locking points.



其他附件/Accessories:
保护盖、编码销、工具。
Protection covers/code and guide pins for coding/tools.

产品型号描述说明 Product model description

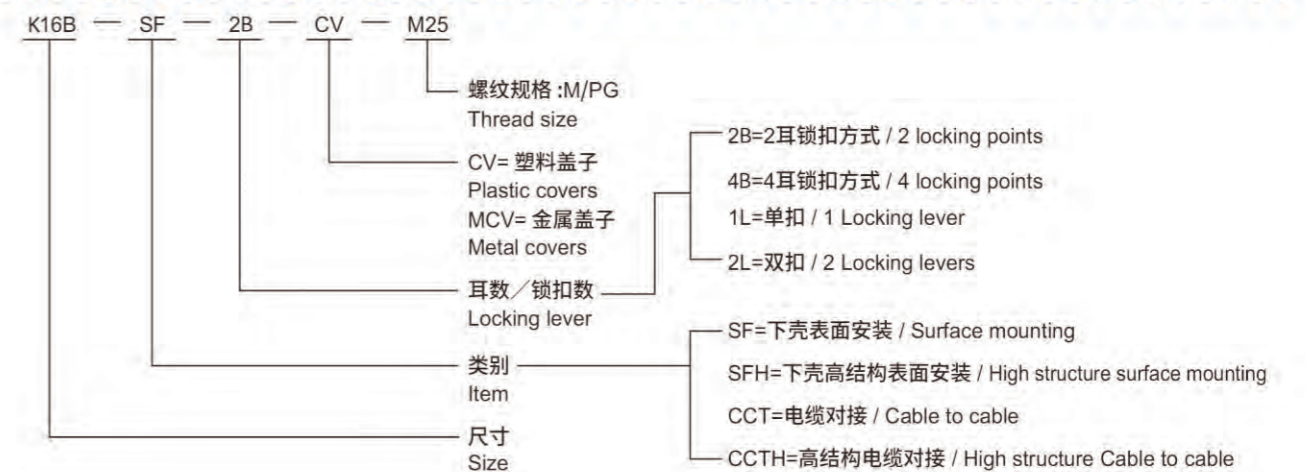
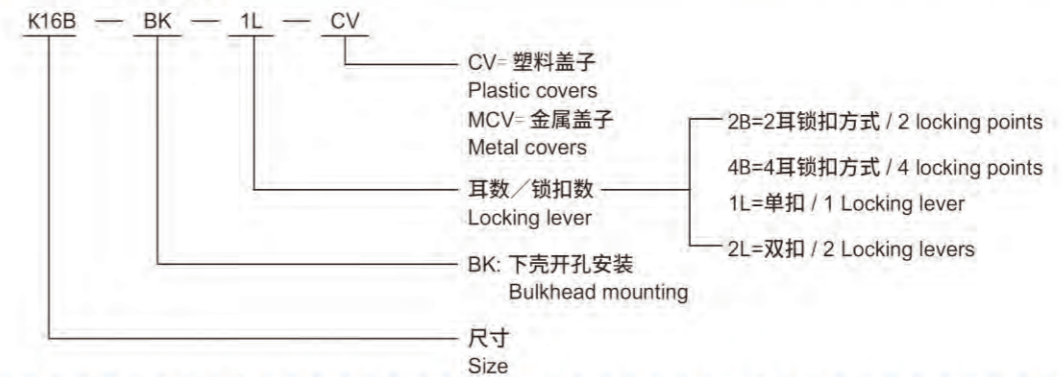
插体 Inserts














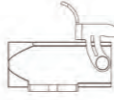

上壳 Hoods


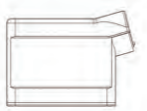




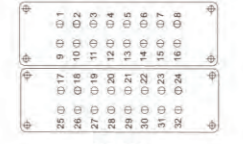
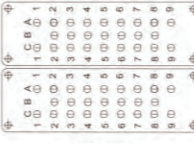

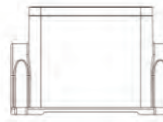



下壳 Housings


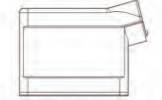
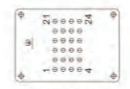


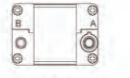
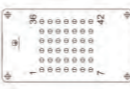

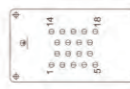
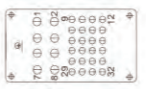


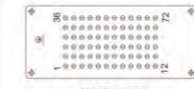



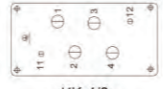
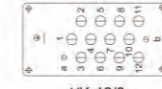


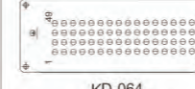
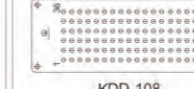



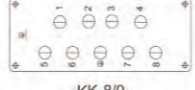


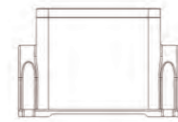



► A系列壳体系列对应的插芯 A Serie Housing Matched Contact Insert

		 <p>顶部进线 Top Entry</p>			 <p>侧面进线 Side Entry</p>		
3A	 KA-003	 KA-004	 KD-007	 KD-008	 KQ-005	 KQ-007	 KQ-012
	3P+⊕ 10A 230/400V	4P+⊕ 10A 230/400V	7P+⊕ 10A 250V	8P 10A 50V	5P+⊕ 16A 230/400V	7P+⊕ 16A 400V	12P+⊕ 10A 400V
	 <p>开孔安装 Bulkhead Mounting</p>		 <p>开口安装斜出 Bulkhead Mounting</p>		 <p>面板安装 Bulkhead Mounting</p>		 <p>电缆对接 Cable to Cable</p>

		 <p>顶部进线 Top Entry</p>		 <p>侧面进线 Side Entry</p>	
10A	 KA-010	 KD-015			
16A	 KA-016	 KD-025			
32A	 KA-032	 KD-050			
	10, 16, 32P+⊕ 16A 250V	15, 25, 50P+⊕ 10A 250V			
 <p>开孔安装 Bulkhead Mounting</p>		 <p>表面安装 Surface Mounting</p>		 <p>电缆对接 Cable To Cable</p>	

► B系列壳体系列对应的插芯 B Serie Housing Matched Contact Insert

		 <p>顶部进线 Top Entry</p>		 <p>侧面进线 Side Entry</p>		
6B	 KDD-024	 KE-006	 KEE-010	 KF6B		
	24P+⊕ 10A 250V	6P+⊕ 16A 500V	10P+⊕ 16A 500V	2 modules		
10B	 KDD-042	 KE-010	 KEE-018	 KK-8/24	 KF10B	
	42P+⊕ 10A 250V	10P+⊕ 16A 500V	18P+⊕ 16A 500V	32P+⊕ 16/10A 400/250V	3 modules	
16B	 KD-040	 KDD-072	 KE-016	 KEE-032	 KK-4/0	
	40P+⊕ 10A 250V	72P+⊕ 10A 250V	16P+⊕ 16A 500V	32P+⊕ 16A 500V	4P+⊕ 80A 690V	
16B	 KK-4/2	 KK-12/2	 KSB-006	 KF16B		
	6P+⊕ 80/16A 690/400V	14P+⊕ 40/10A 690/250V	6P+⊕ 35A 400/690V	4 modules		
24B	 KD-064	 KDD-108	 KE-024	 KEE-046	 KK-4/8	
	64P+⊕ 10A 250V	108P+⊕ 10A 250V	24P+⊕ 16A 500V	46P+⊕ 16A 500V	12P+⊕ 80/16A 400/400V	
24B	 KK-8/0	 KF24B				
	8P+⊕ 100A 690V	6 modules				
32B	适用于 KD-080, KDD-144, KE-032, KEE-064, KSB-012 插芯					
48B	适用于 KD-128, KDD-216, KE-048, KEE-092 插芯					
 <p>开孔安装 Bulkhead Mounting</p>		 <p>表面安装 Surface Mounting</p>		 <p>电缆对接 Cable To Cable</p>		

▶ 外壳防护等级 Ingress Protection

连接器上的外壳和联锁扣保护了自身的针位置免受外部机械损伤，比如冲击、异物、灰尘、无意的接触、湿气、水或洗涤剂、冷却液、油等其它立方体的浸入。外壳所能提供的防护等级是由 IEC60529 或 DIN EN60529 标准确定的，这些标准中包含了各种保护等级的划分情况。下图是保护等级一览表。按如下方式进行说明：

The connector's housing, sealing and locking mechanism protect the connection from external influences such as mechanical shocks, foreign bodies, humidity, dust, water or other fluids such as cleaning and cooling agents, oils, etc. The degree of protection the housing offers is explained in the IEC60529, DIN EN60529, standards that categorize enclosures according to foreign body and water protection.

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

数字 Index figure	保护范围 Index figure	数字 Index figure	保护范围 Index figure
0	无安全防护 No protection 无触摸保护，无防固体异物保护 No protection against accidental contact, no protection against solid foreign bodies	0	无防水保护 No protection against water 无防水保护 No protection against water
1	防大件异物保护 Protection against large foreign bodies 防止手部大面积接触，防止直径大于50mm的异物 Protection against contact with any large area by hand and against large solid foreign bodies with $\phi > 50\text{mm}$	1	防滴水保护 Drip-proof 防止垂直滴落的水滴 Protection against vertical water drips
2	防中等大小异物保护 Protection against medium sized foreign bodies 防止手指接触，防止直径大于12mm的异物 Protection against contact with the fingers, protection against solid foreign bodies with $\phi > 12\text{mm}$	2	防倾斜滴水保护 Drip-proof 防止倾斜滴落的水滴（在垂直面15°以内的任何角度） Protection against water drips (up to a 15° angle)
3	防小件异物保护 Protection against small solid foreign bodies 防止工具、铁丝等直径大于2.5mm的物件接触，防止直径大于2.5mm的异物 Protection against tools, wires or similar objects with $\phi > 2.5\text{mm}$, protection against small foreign solid bodies with $\phi > 2.5\text{mm}$	3	防河水保护 Spray-proof 防止来自垂直面60°以内任意角度的河水 Protection against diagonal water drips (up to a 60° angle)
4	防颗粒状异物保护 Protection against grain-shaped foreign bodies 同3中所述但异物直径大于1mm As 3 however $\phi > 1\text{mm}$	4	防喷水保护 Splash-proof 防止来自任意角度喷水 Protection against splashed water from all direction
5	防灰尘沉积保护 Protection against injurious deposits of dust 防止接触，防止内部灰尘沉积 Full protection against contact, protection against interior injurious dust deposits	5	防射水保护 Hose-proof 防止来自任意角度的喷射水柱（从喷嘴射出） Protection against water (out of a nozzle) from all directions
6	防灰尘进入保护 Protection against ingress of dust 全面防止接触，防止灰尘进入 Total protection against contact, protection against penetration of dust	6	超强防射水保护 Strong hose-proof 防止所有方向的水（大量从喷嘴射出的） Protection against strong water (out of a nozzle) from all directions
		7	防浸水保护 Protection against immersion 防止暂时性的浸水 Protection against temporary immersion
		8	防潜水保护 Protection water tight 防止长时间浸没时加压水进入 Protection against water pressure

应用领域

科发电子连接器广泛用于机器人、工业自动化、热流道模具、数控设备、纺织机械、轨道交通、电力行业、能源、风力发电等各种需要电气和信号连接的设备中；能够满足不同领域、不同场合的电气或信号的连接要求。

FIELD OF APPLICATION

KEFA connectors are widely used in hot runner mold, robot, industrial automation, CNC equipment, textile machinery, rail transit, electric power industry, energy, wind power generation and so on various equipments requiring electrical and signal connection; it can meet electrical or signal connection requirement of different fields and situations.



► KA · Series



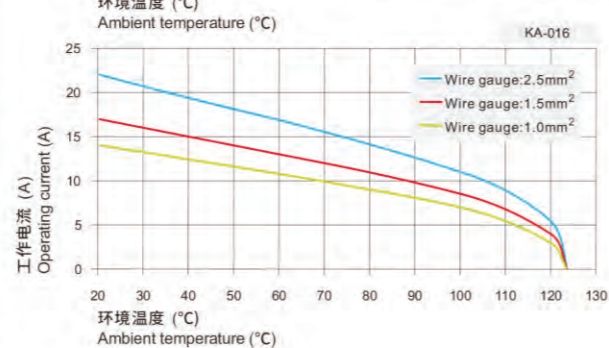
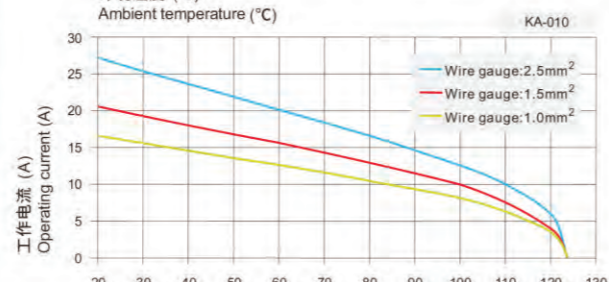
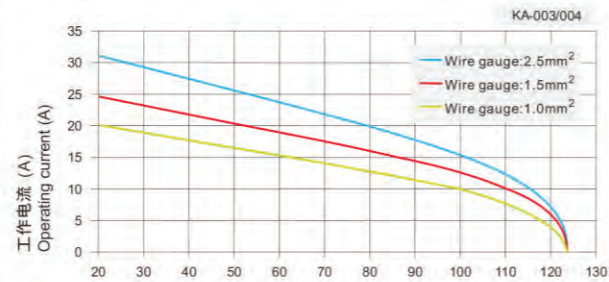
► 技术参数 Technical characteristics

规范 Specifications	DIN EN 60 664 DIN EN 61 984
插芯 Inserts	
接插件针数 Number of contacts	3,4,10,16,32(2X16)+PE
KA-003/004	
• 额定电流 Rated current	10A
• 相对地额定电压 Rated voltage conductor-ground	230V
• 相间额定电压 Rated voltage conductor-conductor	400V
• 额定脉冲电压 Rated impulse voltage	4KV
• 污染程度 Pollution degree	3
• 或 or	10A 250V 4KV 3
KA-010/016	
• 额定电流 Rated current	16A
• 额定电压 Rated voltage	250V
• 额定脉冲电压 Rated impulse voltage	4KV
• 污染程度 Pollution degree	3
• 污染等级2时的参数 Pollution degree 2 also	16A 230/400V 4KV 2
依据UL/CSA额定电压 Rated voltage acc.to UL CSA	600V
绝缘电阻 Insulation resistance	≥ 10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °C ~ +125 °C
依据UL94阻燃等级 Flammability acc.to UL94	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 Gold plated 镀银 Silver plated
接触电阻 Contact resistance	≤ 1m Ω
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	1-2.5mm ²
• AWG	18-14
• 拧紧力矩 Tightening torque	0.25Nm(KA-003/004) or 0.5Nm(KA-010/016)
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-4mm ²
• AWG	26-12
弹片连接 Cage-clamp	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14

电流负载能力 Current carrying capacity

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



3+PE
螺丝连接 Screw terminal

	公 Male	母 Female
型号Type:	KA-003-M	KA-003-F

技术数据 Tech data:

额定电流 Rated current:	10A
额定电压 Rated voltage:	250V
导线规格 Wire gauge:	0.75-1.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	3A系列见第23页 For 3A series see page 23

3+PE
弹片连接 Cage-clamp

	公 Male	母 Female
型号Type:	KA-003-MS	KA-003-FS

技术数据 Tech data:

额定电流 Rated current:	10A
额定电压 Rated voltage:	250V
导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG
上壳&底座 Hoods&Housings:	3A系列见第23页 For 3A series see page 23

4+PE
螺丝连接 Screw terminal

	公 Male	母 Female
型号Type:	KA-004-M	KA-004-F

技术数据 Tech data:

额定电流 Rated current:	10A
额定电压 Rated voltage:	250V
导线规格 Wire gauge:	0.75-1.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	3A系列见第23页 For 3A series see page 23

4+PE
弹片连接 Cage-clamp

	公 Male	母 Female
型号Type:	KA-004-MS	KA-004-FS

技术数据 Tech data:

额定电流 Rated current:	10A
额定电压 Rated voltage:	250V
导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG
上壳&底座 Hoods&Housings:	3A系列见第23页 For 3A series see page 23

► KDD · Series



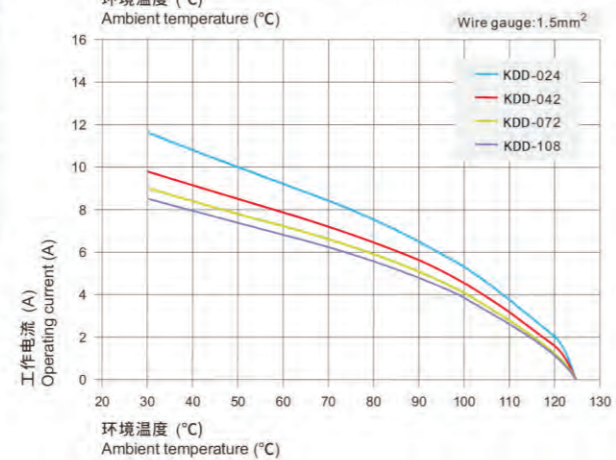
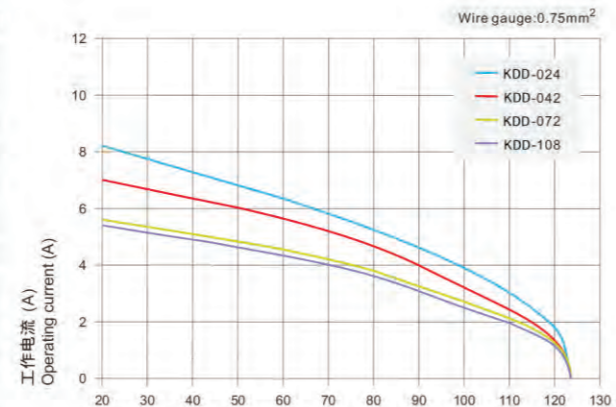
► 技术参数 Technical characteristics

规范 Specifications	DIN EN 60 664 DIN EN 61 984
插芯 Inserts	
依据EN 61 984的额定电压 Electrical data acc.to EN 61 984	
接插件针数 Number of contacts	24,42,72,108,144(72X2),216(108X2)+PE
• 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
• 污染等级2时的参数 Pollution degree 2 also	10A 230/400V 4KV 2
依据UL/CSA 额定电压 Rated voltage acc.to UL CSA	600V
绝缘电阻 Insulation resistance	≥ 10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °C ~ +125 °C
依据UL94阻燃等级 Flammability acc.to UL94	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 Gold plated 镀银 Silver plated
接触电阻 Contact resistance	≤ 3m Ω
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14

电流负载能力 Current carrying capacity

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



24+PE		42+PE		72+PE	
冷压连接 Crimp terminal		冷压连接 Crimp terminal		冷压连接 Crimp terminal	
型号Type:	公 Male KDD-024-MC	母 Female KDD-024-FC	型号Type:	公 Male KDD-042-MC	母 Female KDD-042-FC
技术数据 Tech data:		技术数据 Tech data:		技术数据 Tech data:	
额定电流 Rated current:	10A		额定电流 Rated current:	10A	
额定电压 Rated voltage:	250V		额定电压 Rated voltage:	250V	
导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG		导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG	
上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30		上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30	

108+PE		144+PE		216+PE	
冷压连接 Crimp terminal		冷压连接 Crimp terminal		冷压连接 Crimp terminal	
型号Type:	公 Male KDD-108-MC	母 Female KDD-108-FC	型号Type:	公 Male KDD-072-MC KDD-072-MC(73-144)	母 Female KDD-072-FC KDD-072-FC(73-144)
技术数据 Tech data:		技术数据 Tech data:		技术数据 Tech data:	
额定电流 Rated current:	10A		额定电流 Rated current:	10A	
额定电压 Rated voltage:	250V		额定电压 Rated voltage:	250V	
导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG		导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG	
上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30		上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30	

► 附件 Accessories

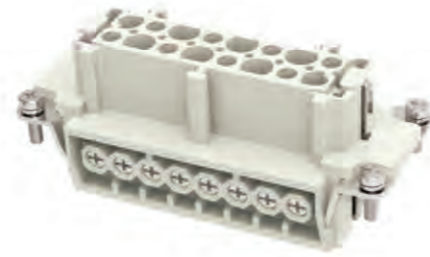
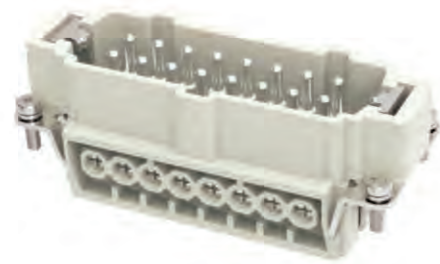
选择冷压连接时，需要另外配针，如下附件：

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts			Matching: KD,KDD,KM,KK,KQ Inserts		Material: Copper alloy		Contact resistance ≤3mΩ	
Terminal: Crimp connection	Male Contacts	Female Contacts						
Silver plated	KF-10A-SM-0.37 KF-10A-SM-0.5 KF-10A-SM-0.75 KF-10A-SM-1.0 KF-10A-SM-1.5 KF-10A-SM-2.5	KF-10A-SF-0.37 KF-10A-SF-0.5 KF-10A-SF-0.75 KF-10A-SF-1.0 KF-10A-SF-1.5 KF-10A-SF-2.5						
Gold plated	KF-10A-GM-0.37 KF-10A-GM-0.5 KF-10A-GM-0.75 KF-10A-GM-1.0 KF-10A-GM-1.5 KF-10A-GM-2.5	KF-10A-GF-0.37 KF-10A-GF-0.5 KF-10A-GF-0.75 KF-10A-GF-1.0 KF-10A-GF-1.5 KF-10A-GF-2.5						

Wire gauge			
mm ²	AWG	φA	Recommended stripping length
0.14-0.37	26-22	0.9	8mm
0.5	20	1.1	8mm
0.75	18	1.3	8mm
1.0	18	1.45	8mm
1.5	16	1.75	8mm
2.5	14	2.25	6mm

► KE · Series



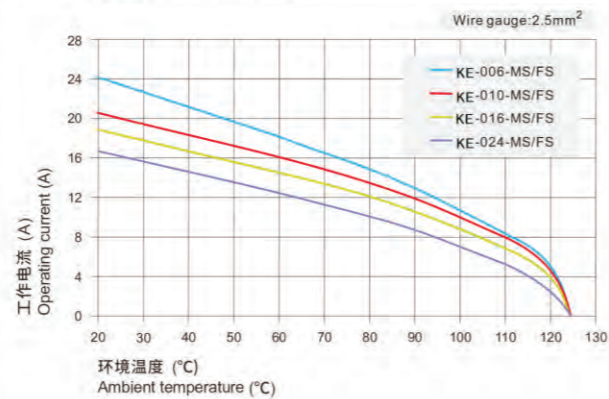
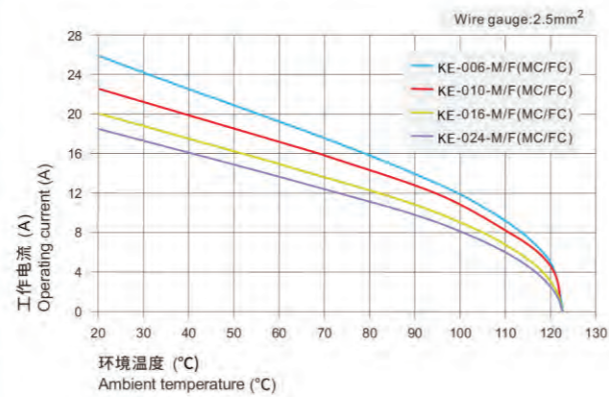
► 技术参数 Technical characteristics

规范 Specifications	DIN EN 60 664 DIN EN 61 984
插芯 Inserts	
依据EN 61 984的额定电压 Electrical data acc.to EN 61 984	
接插件针数 Number of contacts	6,10,16,24,32(2X16),48(2X24)+PE
• 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
• 污染等级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 UL/CSA	600V
绝缘电阻 Insulation resistance	$\geq 10^{10} \Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °C ~ +125 °C
依据UL94阻燃等级 Flammability acc.to UL94	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 Gold plated 镀银 Silver plated
接触电阻 Contact resistance	$\leq 1m \Omega$
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	0.75-2.5mm ²
• AWG	18-14
• 拧紧力矩 Tightening torque	0.5Nm
• 剥线长度 Stripping length	7mm
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-4mm ²
• AWG	26-12
• 剥线长度 Stripping length	7.5mm
弹片连接 Cage-clamp	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14
• 剥线长度 Stripping length	7-9mm

电流负载能力 Current carrying capacity

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



6+PE

螺丝连接 Screw terminal



	公 Male	母 Female
型号Type:	KE-006-M	KE-006-F

技术数据 Tech data:	
额定电流 Rated current:	16A
额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.75-2.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30

10+PE

螺丝连接 Screw terminal



	公 Male	母 Female
型号Type:	KE-010-M	KE-010-F

技术数据 Tech data:	
额定电流 Rated current:	16A
额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.75-2.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30

16+PE

螺丝连接 Screw terminal



	公 Male	母 Female
型号Type:	KE-016-M	KE-016-F

技术数据 Tech data:	
额定电流 Rated current:	16A
额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.75-2.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30

24+PE

螺丝连接 Screw terminal



	公 Male	母 Female
型号Type:	KE-024-M	KE-024-F

技术数据 Tech data:	
额定电流 Rated current:	16A
额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.75-2.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30

32+PE

螺丝连接 Screw terminal



	公 Male	母 Female
型号Type:	KE-016-M KE-016-M(17-32)	KE-016-F KE-016-F(17-32)

技术数据 Tech data:	
额定电流 Rated current:	16A
额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.75-2.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30

48+PE

螺丝连接 Screw terminal



	公 Male	母 Female
型号Type:	KE-024-M KE-024-M(25-48)	KE-024-F KE-024-F(25-48)

技术数据 Tech data:	
额定电流 Rated current:	16A
额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.75-2.5mm ² 18-14AWG
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30

6+PE			10+PE			16+PE		
直插连接 Push-in			直插连接 Push-in			直插连接 Push-in		
	公 Male	母 Female		公 Male	母 Female		公 Male	母 Female
型号Type:	KE-006-MP	KE-006-FP	型号Type:	KE-010-MP	KE-010-FP	型号Type:	KE-016-MP	KE-016-FP
技术数据 Tech data:			技术数据 Tech data:			技术数据 Tech data:		
额定电流 Rated current:	16A		额定电流 Rated current:	16A		额定电流 Rated current:	16A	
额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V	
导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG		导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG		导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG	
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30	

24+PE			32+PE			48+PE		
直插连接 Push-in			直插连接 Push-in			直插连接 Push-in		
	公 Male	母 Female		公 Male	母 Female		公 Male	母 Female
型号Type:	KE-024-MP	KE-024-FP	型号Type:	KE-016-MP KE-016-MP(17-32)	KE-016-FP KE-016-FP(17-32)	型号Type:	KE-024-MP KE-024-MP(25-48)	KE-024-FP KE-024-FP(25-48)
技术数据 Tech data:			技术数据 Tech data:			技术数据 Tech data:		
额定电流 Rated current:	16A		额定电流 Rated current:	16A		额定电流 Rated current:	16A	
额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V	
导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG		导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG		导线规格 Wire gauge:	0.5-2.5mm ² 20-14AWG	
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30	

6+PE			10+PE			16+PE		
冷压连接 Crimp terminal			冷压连接 Crimp terminal			冷压连接 Crimp terminal		
	公 Male	母 Female		公 Male	母 Female		公 Male	母 Female
型号Type:	KE-006-MC	KE-006-FC	型号Type:	KE-010-MC	KE-010-FC	型号Type:	KE-016-MC	KE-016-FC
技术数据 Tech data:			技术数据 Tech data:			技术数据 Tech data:		
额定电流 Rated current:	16A		额定电流 Rated current:	16A		额定电流 Rated current:	16A	
额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V	
导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG		导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG		导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG	
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30	

24+PE			32+PE			48+PE		
冷压连接 Crimp terminal			冷压连接 Crimp terminal			冷压连接 Crimp terminal		
	公 Male	母 Female		公 Male	母 Female		公 Male	母 Female
型号Type:	KE-024-MC	KE-024-FC	型号Type:	KE-016-MC KE-016-MC(17-32)	KE-016-FC KE-016-FC(17-32)	型号Type:	KE-024-MC KE-024-MC(25-48)	KE-024-FC KE-024-FC(25-48)
技术数据 Tech data:			技术数据 Tech data:			技术数据 Tech data:		
额定电流 Rated current:	16A		额定电流 Rated current:	16A		额定电流 Rated current:	16A	
额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V	
导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG		导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG		导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG	
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30	

► 附件 Accessories

选择冷压连接时，需要另外配针，如下附件：

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts		Matching: KA,KE,KEE,KM,KK inserts		Material: Copper alloy		Contact resistance ≤1mΩ		
Terminal: Crimp connection		Male Contacts	Female Contacts					
Silver plated		KF-16A-SM-0.37	KF-16A-SF-0.37		Wire gauge	AWG	φA	Recommended stripping length
		KF-16A-SM-0.5	KF-16A-SF-0.5					
		KF-16A-SM-0.75	KF-16A-SF-0.75					
		KF-16A-SM-1.0	KF-16A-SF-1.0					
		KF-16A-SM-1.5	KF-16A-SF-1.5					
		KF-16A-SM-2.5	KF-16A-SF-2.5					
Gold plated		KF-16A-GM-0.37	KF-16A-GF-0.37	mm ²				
		KF-16A-GM-0.5	KF-16A-GF-0.5	0.14-0.37	26-22	0.9	7.5mm	
		KF-16A-GM-0.75	KF-16A-GF-0.75	0.5	20	1.1	7.5mm	
		KF-16A-GM-1.0	KF-16A-GF-1.0	0.75	18	1.3	7.5mm	
		KF-16A-GM-1.5	KF-16A-GF-1.5	1.0	18	1.45	7.5mm	
		KF-16A-GM-2.5	KF-16A-GF-2.5	1.5	16	1.75	7.5mm	
	KF-16A-GM-4.0	KF-16A-GF-4.0	2.5	14	2.25	7.5mm		
				4.0	12	2.85	7.5mm	

6+PE		10+PE		16+PE	
弹片连接 Cage clamp		弹片连接 Cage clamp		弹片连接 Cage clamp	
型号Type:	公 Male KE-006-MS 母 Female KE-006-FS	型号Type:	公 Male KE-010-MS 母 Female KE-010-FS	型号Type:	公 Male KE-016-MS 母 Female KE-016-FS
技术数据 Tech data:		技术数据 Tech data:		技术数据 Tech data:	
额定电流 Rated current:	16A	额定电流 Rated current:	16A	额定电流 Rated current:	16A
额定电压 Rated voltage:	500V	额定电压 Rated voltage:	500V	额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG	导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG	导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG
上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30	上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30	上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30
24+PE		32+PE		48+PE	
弹片连接 Cage clamp		弹片连接 Cage clamp		弹片连接 Cage clamp	
型号Type:	公 Male KE-024-MS 母 Female KE-024-FS	型号Type:	公 Male KE-016-MS KE-016-MS(17-32) 母 Female KE-016-FS KE-016-FS(17-32)	型号Type:	公 Male KE-024-MS KE-024-MS(25-48) 母 Female KE-024-FS KE-024-FS(25-48)
技术数据 Tech data:		技术数据 Tech data:		技术数据 Tech data:	
额定电流 Rated current:	16A	额定电流 Rated current:	16A	额定电流 Rated current:	16A
额定电压 Rated voltage:	500V	额定电压 Rated voltage:	500V	额定电压 Rated voltage:	500V
导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG	导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG	导线规格 Wire gauge:	0.14-2.5mm ² 26-14AWG
上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30	上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30	上壳&底座 Hoods&Housings:	6~24B系列见第24~30页 For 6~24B series see page 24~30

► KEE · Series



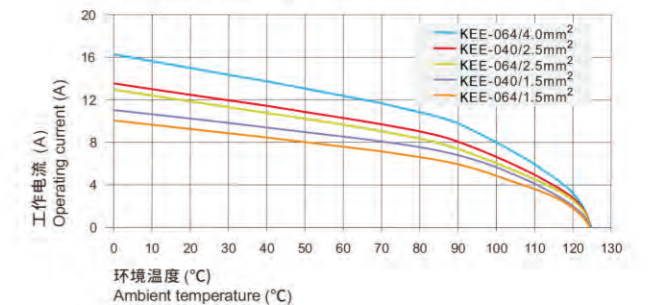
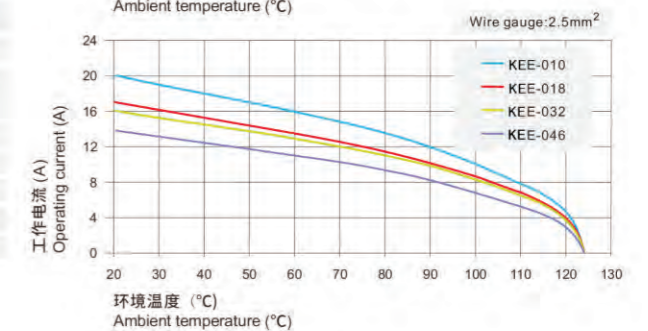
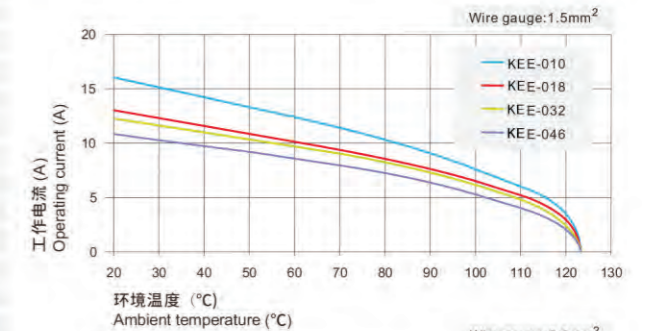
► 技术参数 Technical characteristics

规范 Specifications	DIN EN 60 664 DIN EN 61 984
插芯 Inserts	
依据EN 61 984的额定电压 Electrical data acc.to EN 61 984	
接插件针数 Number of contacts	10,18,32,46,64(2X32),92(2X46)+PE
• 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
• 污染等级2时的参数 Pollution degree 2 also	16A 830V 8KV 2
依据UL/CSA额定电压 Rated voltage acc.to UL CSA	600V
绝缘电阻 Insulation resistance	≥ 10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °C ~ +125 °C
依据UL94阻燃等级 Flammability acc.to UL94	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 Gold plated 镀银 Silver plated
接触电阻 Contact resistance	≤ 1m Ω
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-4mm ²
• AWG	26-12
• 剥线长度 Stripping length	7.5mm

电流负载能力 Current carrying capacity

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



10+PE		18+PE		32+PE	
冷压连接 Crimp terminal		冷压连接 Crimp terminal		冷压连接 Crimp terminal	
型号Type:	公 Male KEE-010-MC	母 Female KEE-010-FC	型号Type:	公 Male KEE-018-MC	母 Female KEE-018-FC
技术数据 Tech data:		技术数据 Tech data:		技术数据 Tech data:	
额定电流 Rated current:	16A		额定电流 Rated current:	16A	
额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V	
导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG		导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG	
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30	

46+PE		64+PE		96+PE	
冷压连接 Crimp terminal		冷压连接 Crimp terminal		冷压连接 Crimp terminal	
型号Type:	公 Male KEE-046-MC	母 Female KEE-046-FC	型号Type:	公 Male KEE-032-MC KEE-032-MC(33-64)	母 Female KEE-032-FC KEE-032-FC(33-64)
技术数据 Tech data:		技术数据 Tech data:		技术数据 Tech data:	
额定电流 Rated current:	16A		额定电流 Rated current:	16A	
额定电压 Rated voltage:	500V		额定电压 Rated voltage:	500V	
导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG		导线规格 Wire gauge:	0.14-4.0mm ² 26-12AWG	
上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30		上壳&底座 Hoods&Housings:	6-24B系列见第24~30页 For 6-24B series see page 24~30	

附件 Accessories

选择冷压连接时，需要另外配针，如下附件：

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts	Matching: KA,KE,KEE,KM,KK inserts		Material: Copper alloy		Contact resistance ≤1mΩ	
Terminal: Crimp connection	Male Contacts	Female Contacts				
Silver plated	KF-16A-SM-0.37	KF-16A-SF-0.37				
	KF-16A-SM-0.5	KF-16A-SF-0.5				
	KF-16A-SM-0.75	KF-16A-SF-0.75				
	KF-16A-SM-1.0	KF-16A-SF-1.0				
	KF-16A-SM-1.5	KF-16A-SF-1.5				
	KF-16A-SM-2.5	KF-16A-SF-2.5				
	KF-16A-SM-4.0	KF-16A-SF-4.0				
Gold plated	KF-16A-GM-0.37	KF-16A-GF-0.37				
	KF-16A-GM-0.5	KF-16A-GF-0.5				
	KF-16A-GM-0.75	KF-16A-GF-0.75				
	KF-16A-GM-1.0	KF-16A-GF-1.0				
	KF-16A-GM-1.5	KF-16A-GF-1.5				
	KF-16A-GM-2.5	KF-16A-GF-2.5				
	KF-16A-GM-4.0	KF-16A-GF-4.0				

Wire gauge	mm ²	AWG	φA	Recommended stripping length
	0.14-0.37	26-22	0.9	7.5mm
	0.5	20	1.1	7.5mm
	0.75	18	1.3	7.5mm
	1.0	18	1.45	7.5mm
	1.5	16	1.75	7.5mm
	2.5	14	2.25	7.5mm
	4.0	12	2.85	7.5mm

► KQ · Series



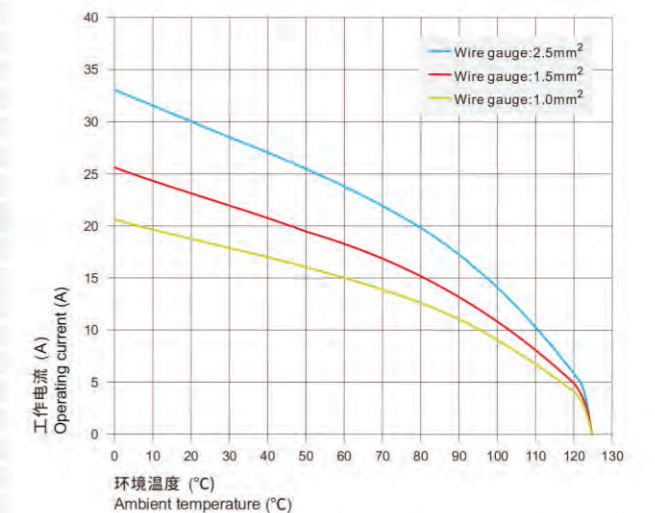
► 技术参数 Technical characteristics

规范 Specifications	DIN EN 60 664 DIN EN 61 984
插芯 Inserts	
依据EN 61 984的额定电压 Electrical data acc.to EN 61 984	
接插件针数 Number of contacts	5+PE
• 额定电流 Rated current	16A
• 相对地额定电压 Rated voltage conductor-ground	230V
• 相间额定电压 Rated voltage conductor-conductor	400V
• 额定脉冲电压 Rated impulse voltage	4KV
• 污染程度 Pollution degree	3
• 污染等级2时的参数 Pollution degree 2 also	16A 320/500V 4KV 2
依据UL/CSA额定电压 Rated voltage acc.to UL CSA	600V
绝缘电阻 Insulation resistance	≥ 10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °C ~+125 °C
依据UL94阻燃等级 Flammability acc.to UL94	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 Gold plated 镀银 Silver plated
接触电阻 Contact resistance	≤ 1m Ω
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14
PE螺钉连接 PE screw terminal	
• 导线规格 Wire gauge	0.5-2.5mm ²
• AWG	20-14

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DIN EN 60512-5。Measuring and testing techniques according to DIN EN 60512-5.



► KQ · Series



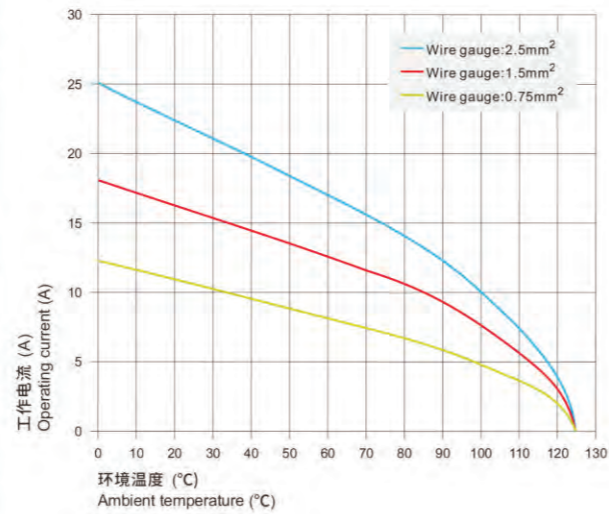
► 技术参数 Technical characteristics

规范 Specifications	DIN EN 60 664 DIN EN 61 984
插芯 Inserts	
依据EN 61 984的额定电压 Electrical data acc.to EN 61 984	
接插件针数 Number of contacts	7+PE
• 额定电流 Rated current	10A
• 额定电压 Rated voltage	400V
• 额定脉冲电压 Rated impulse voltage	6KV
• 污染程度 Pollution degree	3
• 污染等级2时的参数 Pollution degree 2 also	10A 400/690V 6KV 2
依据UL/CSA额定电压 Rated voltage acc.to UL CSA	600V
绝缘电阻 Insulation resistance	$\geq 10^{10} \Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °C ~+125 °C
依据UL94阻燃等级 Flammability acc.to UL94	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 Gold plated 镀银 Silver plated
接触电阻 Contact resistance	$\leq 3m \Omega$
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14
PE螺钉连接 PE screw terminal	
• 导线规格 Wire gauge	0.5-2.5mm ²
• AWG	20-14

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DIN EN 60512-5。
Measuring and testing techniques according to DIN EN 60512-5.



► KQ · Series



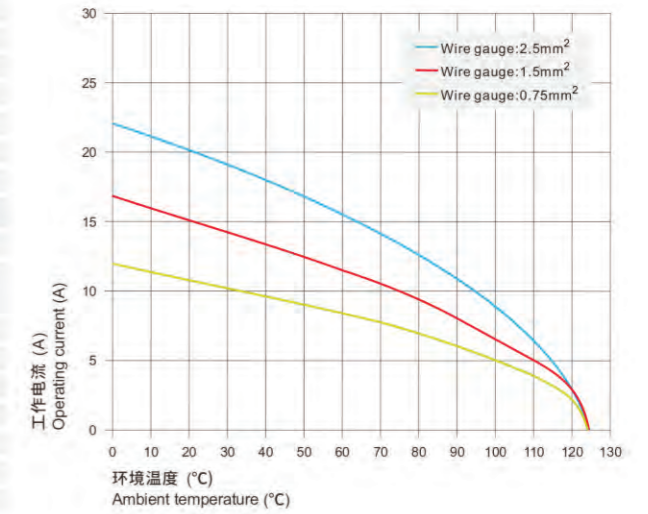
► 技术参数 Technical characteristics

规范 Specifications	DIN EN 60 664 DIN EN 61 984
插芯 Inserts	
依据EN 61 984的额定电压 Electrical data acc.to EN 61 984	
接插件针数 Number of contacts	12+PE
• 额定电流 Rated current	10A
• 额定电压 Rated voltage	400V
• 额定脉冲电压 Rated impulse voltage	6KV
• 污染程度 Pollution degree	3
• 污染等级2时的参数 Pollution degree 2 also	10A 400/690V 6KV 2
依据UL/CSA额定电压 Rated voltage acc.to UL CSA	600V
绝缘电阻 Insulation resistance	$\geq 10^{10} \Omega$
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °C ~+125 °C
依据UL94阻燃等级 Flammability acc.to UL94	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 Gold plated 镀银 Silver plated
接触电阻 Contact resistance	$\leq 3m \Omega$
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14
PE螺钉连接 PE screw terminal	
• 导线规格 Wire gauge	0.5-2.5mm ²
• AWG	20-14

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DIN EN 60512-5。
Measuring and testing techniques according to DIN EN 60512-5.



5+PE		7+PE		12+PE	
冷压连接 Crimp terminal		冷压连接 Crimp terminal		冷压连接 Crimp terminal	
型号Type:	公 Male KQ-005-MC 母 Female KQ-005-FC	型号Type:	公 Male KQ-007-MC 母 Female KQ-007-FC	型号Type:	公 Male KQ-012-MC 母 Female KQ-012-FC
技术数据 Tech data:		技术数据 Tech data:		技术数据 Tech data:	
额定电流 Rated current:	16A	额定电流 Rated current:	10A	额定电流 Rated current:	10A
额定电压 Rated voltage:	230/400V	额定电压 Rated voltage:	400V	额定电压 Rated voltage:	400V
导线规格 Wire gauge:	0.14-2.5mm ² 26-12AWG	导线规格 Wire gauge:	0.14-2.5mm ² 26-12AWG	导线规格 Wire gauge:	0.14-2.5mm ² 26-12AWG
上壳&底座 Hoods&Housings:	3A系列见第23页 For 3A series see page 23	上壳&底座 Hoods&Housings:	3A系列见第23页 For 3A series see page 23	上壳&底座 Hoods&Housings:	3A系列见第23页 For 3A series see page 23

▶ 附件 Accessories

选择冷压连接时，需要另外配针，如下附件：

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(16A) Crimp contacts	Matching: KA,KE,KEE,KM,KK, inserts		Material: Copper alloy		Contact resistance ≤1mΩ			
Terminal: Crimp connection	Male Contacts	Female Contacts						
Silver plated	KF-16A-SM-0.37	KF-16A-SF-0.37			mm ²	AWG	μA	Recommended stripping length
	KF-16A-SM-0.5	KF-16A-SF-0.5						
	KF-16A-SM-0.75	KF-16A-SF-0.75						
	KF-16A-SM-1.0	KF-16A-SF-1.0						
	KF-16A-SM-1.5	KF-16A-SF-1.5						
	KF-16A-SM-2.5	KF-16A-SF-2.5						
Gold plated	KF-16A-GM-0.37	KF-16A-GF-0.37	0.14-0.37	26-22	0.9	7.5mm		
	KF-16A-GM-0.5	KF-16A-GF-0.5	0.5	20	1.1	7.5mm		
	KF-16A-GM-0.75	KF-16A-GF-0.75	0.75	18	1.3	7.5mm		
	KF-16A-GM-1.0	KF-16A-GF-1.0	1.0	18	1.45	7.5mm		
	KF-16A-GM-1.5	KF-16A-GF-1.5	1.5	16	1.75	7.5mm		
	KF-16A-GM-2.5	KF-16A-GF-2.5	2.5	14	2.25	7.5mm		
KF-16A-GM-4.0	KF-16A-GF-4.0	4.0	12	2.85	7.5mm			

▶ 附件 Accessories

选择冷压连接时，需要另外配针，如下附件：

When cold pressing connection is selected, additional stitches are needed, as shown in the attachment below:

(10A) Crimp contacts	Matching: KD,KDD,KM,KK,KQ, inserts		Material: Copper alloy		Contact resistance ≤3mΩ			
Terminal: Crimp connection	Male Contacts	Female Contacts						
Silver plated	KF-10A-SM-0.37	KF-10A-SF-0.37			mm ²	AWG	μA	Recommended stripping length
	KF-10A-SM-0.5	KF-10A-SF-0.5						
	KF-10A-SM-0.75	KF-10A-SF-0.75						
	KF-10A-SM-1.0	KF-10A-SF-1.0						
	KF-10A-SM-1.5	KF-10A-SF-1.5						
	KF-10A-SM-2.5	KF-10A-SF-2.5						
Gold plated	KF-10A-GM-0.37	KF-10A-GF-0.37	0.14-0.37	26-22	0.9	8mm		
	KF-10A-GM-0.5	KF-10A-GF-0.5	0.5	20	1.1	8mm		
	KF-10A-GM-0.75	KF-10A-GF-0.75	0.75	18	1.3	8mm		
	KF-10A-GM-1.0	KF-10A-GF-1.0	1.0	18	1.45	8mm		
	KF-10A-GM-1.5	KF-10A-GF-1.5	1.5	16	1.75	8mm		
	KF-10A-GM-2.5	KF-10A-GF-2.5	2.5	14	2.25	6mm		

▶ 外壳特性 Hoods & Housings Feature

3A系列		Size 3A	
塑料外壳	聚碳酸酯	Plastic Hoods & Housings	Polycarbonate
材料	灰白	Material	Light grey(RAL7032)
颜色		Colour	
连锁元件	塑料弹性压合	Locking element	Plastic elastic pressing
连锁方式	聚酰胺	Lever type	Plastic elastic pressing
材料		Material	Polymide
密封元件	丁腈橡胶	Hoods / Housings seal	NBR
适用温度范围	-40~+125°C	Limiting tempertures	-40~+125°C
阻燃等级	V0	Flammability acc to UI94	V0
防护等级 (连锁状态DIN EN 60529)	IP65	Degree of protection acc. to DIN EN 60529 for coupled connector	IP65

3A系列		Size 3A	
金属外壳	压铸铝合金	Metal Hoods & Housings	Zinc die-cast
材料	灰色	Material	Grey(RAL7037)
颜色		Colour	
连锁元件	扣子	Locking element	Lever
连锁方式	金属镀锌	Lever type	Metal zinc-plated
材料		Material	
密封元件	丁腈橡胶	Hoods / Housings seal	NBR
适用温度范围	-40~+125°C	Limiting tempertures	-40~+125°C
阻燃等级	V0	Flammability acc to UI94	V0
防护等级 (连锁状态DIN EN 60529)	IP65	Degree of protection acc. to DIN EN 60529 for coupled connector	IP65

标准外壳 (10A,16A,32A,6B,10B,16B,24B,32B,48B)		Stansard Hoods & Housings(10A,16A,32A,6B,10B,16B,24B,32B,48B)	
材料	压铸铝合金	Material	Aluminium die-cast
颜色	灰色	Colour	Grey(RAL7037)
连锁元件		Locking element	
连锁方式	扣子	Lever type	Lever
材料	金属镀锌	Material	Metal zinc-plated
密封元件	丁腈橡胶	Hoods / Housings seal	NBR
适用温度范围	-40~+125°C	Limiting tempertures	-40~+125°C
阻燃等级	V0	Flammability acc to UI94	V0
防护等级 (连锁状态DIN EN 60529)	IP65	Degree of protection acc. to DIN EN 60529 for coupled connector	IP65

► K3A系列塑料外壳 Plastic Hoods & Housings

► K3A系列金属外壳 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K3A, P-SE-2B-M20 K3A, P-SE-2B-PG11	M20 PG11
	上壳 顶出线 Hoods, top entry	K3A, P-TE-2B-M20 K3A, P-TE-2B-PG11	M20 PG11
	下壳 不封底 Housings, bulkhead mounting	K3A, P-BK-1L	
	下壳 不封底 Housings, bulkhead mounting	K3A, P-BK-1L-SE	
	下壳 不封底 Housings, surface mounting	K3A, P-SF-1L-M20 K3A, P-SF-1L-PG11	M20 PG11
	下壳 电缆对接 Housings, cable to cable	K3A, P-CCT-1L-M20 K3A, P-CCT-1L-PG11	M20 PG11
	防护盖 Protection	K3A-CV-1L/1M (配公芯 for male insert) K3A-CV-1L/1F (配母芯 for female insert)	接线方式 Connect way
	防护盖 Protection	K3A-MCV-2B/1M (配公芯 for male insert) K3A-MCV-2B/1F (配母芯 for female insert)	接线方式 Connect way

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K3A-SE-2B-M20 K3A-SE-2B-PG11	M20 PG11 PG13.5
	上壳 顶出线 Hoods, top entry	K3A-TE-2B-M20 K3A-TE-2B-PG11 K3A-TE-2B-PG13.5	M20 PG11 PG13.5
	下壳 不封底 Housings, bulkhead mounting	K3A-BK-1L	
	下壳 不封底 Housings, bulkhead mounting	K3A-BK-1L-MCV	
	下壳 不封底 Housings, surface mounting	K3A-BK-1L-SE	
	下壳 电缆对接 Housings, cable to cable	K3A-SF-1L-M20 K3A-SF-1L-PG11	M20 PG11 PG13.5
	下壳 电缆对接 Housings, cable to cable	K3A-CCT-1L-M20 K3A-CCT-1L-PG11	M20 PG11 PG13.5
	防护盖 Protection	K3A-MCV-1L/1M (配公芯 for male insert) K3A-MCV-1L/1F (配母芯 for female insert)	接线方式 Connect way
	防护盖 Protection	K3A-MCV-2B/1M (配公芯 for male insert) K3A-MCV-2B/1F (配母芯 for female insert)	接线方式 Connect way

► K6B系列金属壳体 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K6B-SE-2B-M20 K6B-SE-2B-M25 K6B-SE-2B-PG13.5 K6B-SE-2B-PG16	M20 M25 PG13.5 PG16
	上壳 侧出线 高结构 Hoods, side entry high construction	K6B-SEH-2B-M25 K6B-SEH-2B-M32 K6B-SEH-2B-PG21 K6B-SEH-2B-PG29	M25 M32 PG21 PG29
	上壳 顶出线 Hoods, top entry	K6B-TE-2B-M20 K6B-TE-2B-M25 K6B-TE-2B-PG13.5 K6B-TE-2B-PG16	M20 M25 PG13.5 PG16
	上壳 顶出线 高结构 Hoods, top entry, high construction	K6B-TEH-2B-M25 K6B-TEH-2B-M32 K6B-TEH-2B-PG21 K6B-TEH-2B-PG29	M25 M32 PG21
	下壳 电缆对接 Housings, cable to cable	K6B-CCT-1L-M20 K6B-CCT-1L-PG13.5 K6B-CCT-1L-PG16	M20 PG13.5 PG16
	下壳 电缆对接 高结构 Housings, cable to cable high construction	K6B-CCTH-1L-M25 K6B-CCTH-1L-PG21 K6B-CCTH-1L-PG29	M25 M32 PG21

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	下壳 不封底 Housings, bulkhead mounting	K6B-BK-1L 带塑料盖 With plastic cover K6B-BK-1L-CV 带金属盖 With metal cover K6B-BK-1L-MCV	
	上壳 顶出线 Hoods, top entry	K6B-SF-1L-M20 K6B-SF-1L-2M20 K6B-SF-1L-M25 K6B-SF-1L-2M25 K6B-SF-1L-PG13.5 K6B-SF-1L-2PG13.5 K6B-SF-1L-PG16 K6B-SF-1L-2PG16	M20 2M20 M25 2M25 PG13.5 2PG13.5 PG16 2PG16
	下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K6B-SF-1L-CV-M20 K6B-SF-1L-CV-2M20 K6B-SF-1L-CV-M25 K6B-SF-1L-CV-2M25 K6B-SF-1L-CV-PG13.5 K6B-SF-1L-CV-2PG13.5 K6B-SF-1L-CV-PG16 K6B-SF-1L-CV-2PG16 带金属盖 With metal cover K6B-SF-1L-MCV-M20 K6B-SF-1L-MCV-2M20 K6B-SF-1L-MCV-M25 K6B-SF-1L-MCV-2M25 K6B-SF-1L-MCV-PG13.5 K6B-SF-1L-MCV-2PG13.5 K6B-SF-1L-MCV-PG16 K6B-SF-1L-MCV-2PG16	M20 2M20 M25 2M25 PG13.5 2PG13.5 PG16 2PG16
	下壳 封底 高结构 Housings, surface mounting high construction	K6B-SFH-1L-M25 K6B-SFH-1L-2M25 K6B-SFH-1L-M32 K6B-SFH-1L-2M32 K6B-SFH-1L-PG21 K6B-SFH-1L-2PG21 K6B-SFH-1L-PG29 K6B-SFH-1L-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29
	下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K6B-SFH-1L-CV-M25 K6B-SFH-1L-CV-2M25 K6B-SFH-1L-CV-M32 K6B-SFH-1L-CV-2M32 K6B-SFH-1L-CV-PG21 K6B-SFH-1L-CV-2PG21 K6B-SFH-1L-CV-PG29 K6B-SFH-1L-CV-2PG29 带金属盖 With metal cover K6B-SFH-1L-MCV-M25 K6B-SFH-1L-MCV-2M25 K6B-SFH-1L-MCV-M32 K6B-SFH-1L-MCV-2M32 K6B-SFH-1L-MCV-PG21 K6B-SFH-1L-MCV-2PG21 K6B-SFH-1L-MCV-PG29 K6B-SFH-1L-MCV-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29

► K10B系列金属壳体 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread	外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K10B-SE-4B-M20 K10B-SE-4B-M25 K10B-SE-4B-PG16	M20 M25 PG16		下壳 不封底 Housings, bulkhead mounting	K10B-SE-2L-M20 K10B-SE-2L-M25 K10B-SE-2L-PG16	M20 M25 PG16
	上壳 侧出线 高结构 Hoods, side entry, high construction	K10B-SEH-4B-M25 K10B-SEH-4B-M32 K10B-SEH-4B-PG21 K10B-SEH-4B-PG29	M25 M32 PG21 PG29		上壳 侧出线 高结构 Hoods, side entry, high construction	K10B-SEH-2L-M25 K10B-SEH-2L-M32 K10B-SEH-2L-PG21 K10B-SEH-2L-PG29	M25 M32 PG21 PG29
	上壳 顶出线 Hoods, top entry	K10B-TE-4B-M20 K10B-TE-4B-M25 K10B-TE-4B-PG16	M20 M25 PG16		上壳 顶出线 Hoods, top entry	K10B-TE-2L-M20 K10B-TE-2L-M25 K10B-TE-2L-PG16	M20 M25 PG16
	上壳 顶出线 高结构 Hoods, top entry, high construction	K10B-TEH-4B-M25 K10B-TEH-4B-M32 K10B-TEH-4B-PG21 K10B-TEH-4B-PG29	M25 M32 PG21 PG29		上壳 顶出线 高结构 Hoods, top entry, high construction	K10B-TEH-2L-M25 K10B-TEH-2L-M32 K10B-TEH-2L-PG21 K10B-TEH-2L-PG29	M25 M32 PG21 PG29
	下壳 不封底 Housings, bulkhead mounting	K10B-BK-4B			下壳 不封底 Housings, bulkhead mounting	K10B-BK-4B	
	下壳 电缆对接 Housings, cable to cable	K10B-CCT-2L-M20 K10B-CCT-2L-M25 K10B-CCT-2L-PG16	M20 M25 PG16		下壳 封底 Housings, surface mounting	K10B-SF-4B-M20 K10B-SF-4B-2M20 K10B-SF-4B-M25 K10B-SF-4B-2M25 K10B-SF-4B-PG16 K10B-SF-4B-2PG16	M20 2M20 M25 2M25 PG16 2PG16
	下壳 电缆对接 Housings, cable to cable	K10B-CCTH-2L-M25 K10B-CCTH-2L-M32 K10B-CCTH-2L-PG21 K10B-CCTH-2L-PG29	M25 M32 PG21 PG29		下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K10B-SF-4B-CV-M20 K10B-SF-4B-CV-2M20 K10B-SF-4B-CV-M25 K10B-SF-4B-CV-2M25 K10B-SF-4B-CV-PG16 K10B-SF-4B-CV-2PG16	M20 2M20 M25 2M25 PG16 2PG16
	下壳 不封底 Housings, bulkhead mounting	K10B-BK-2L			上壳 侧出线 Hoods, side entry	带金属盖 With metal cover K10B-SF-4B-MCV-M20 K10B-SF-4B-MCV-2M20 K10B-SF-4B-MCV-M25 K10B-SF-4B-MCV-2M25 K10B-SF-4B-MCV-PG16 K10B-SF-4B-MCV-2PG16	M20 2M20 M25 2M25 PG16 2PG16
	下壳 封底 Housings, surface mounting	K10B-SF-2L-M20 K10B-SF-2L-2M20 K10B-SF-2L-M25 K10B-SF-2L-2M25 K10B-SF-2L-PG16 K10B-SF-2L-2PG16	M20 2M20 M25 2M25 PG16 2PG16		下壳 封底 高结构 Housings, surface mounting high construction	K10B-SFH-4B-M25 K10B-SFH-4B-2M25 K10B-SFH-4B-M32 K10B-SFH-4B-2M32 K10B-SFH-4B-PG21 K10B-SFH-4B-2PG21 K10B-SFH-4B-PG29 K10B-SFH-4B-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29
	下壳 封底 高结构 Housings, surface mounting high construction	K10B-SFH-2L-M25 K10B-SFH-2L-M32 K10B-SFH-2L-2M32 K10B-SFH-2L-PG21 K10B-SFH-2L-2PG21 K10B-SFH-2L-PG29 K10B-SFH-2L-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K10B-SFH-4B-CV-M25 K10B-SFH-4B-CV-2M25 K10B-SFH-4B-CV-M32 K10B-SFH-4B-CV-2M32 K10B-SFH-4B-CV-PG21 K10B-SFH-4B-CV-2PG21 K10B-SFH-4B-CV-PG29 K10B-SFH-4B-CV-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29
	下壳 封底 高结构 Housings, surface mounting high construction	K10B-SFH-4B-M25 K10B-SFH-4B-2M25 K10B-SFH-4B-M32 K10B-SFH-4B-2M32 K10B-SFH-4B-PG21 K10B-SFH-4B-2PG21 K10B-SFH-4B-PG29 K10B-SFH-4B-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29		下壳 封底 高结构 Housings, surface mounting high construction	带金属盖 With metal cover K10B-SFH-4B-MCV-M25 K10B-SFH-4B-MCV-2M25 K10B-SFH-4B-MCV-M32 K10B-SFH-4B-MCV-2M32 K10B-SFH-4B-MCV-PG21 K10B-SFH-4B-MCV-2PG21 K10B-SFH-4B-MCV-PG29 K10B-SFH-4B-MCV-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29

► K10B系列金属壳体 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread	外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K10B-SE-2B-M20 K10B-SE-2B-M25 K10B-SE-2B-PG16	M20 M25 PG16		下壳 封底 高结构 Housings, surface mounting high construction	K10B-SFH-1L-M25 K10B-SFH-1L-2M25 K10B-SFH-1L-M32 K10B-SFH-1L-2M32 K10B-SFH-1L-PG21 K10B-SFH-1L-CV-PG21 K10B-SFH-1L-CV-PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29
	上壳 侧出线 高结构 Hoods, side entry, high construction	K10B-SEH-2B-M25 K10B-SEH-2B-M32 K10B-SEH-2B-PG21 K10B-SEH-2B-PG29	M25 M32 PG21 PG29		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K10B-SFH-1L-CV-M25 K10B-SFH-1L-CV-2M25 K10B-SFH-1L-CV-M32 K10B-SFH-1L-CV-2M32 K10B-SFH-1L-CV-PG21 K10B-SFH-1L-CV-2PG21 K10B-SFH-1L-CV-PG29 K10B-SFH-1L-CV-2PG29	M25 M32 PG21 PG29
	上壳 顶出线 Hoods, top entry	K10B-TE-2B-M20 K10B-TE-2B-M25 K10B-TE-2B-PG16	M20 M25 PG16		下壳 封底 高结构 Housings, surface mounting high construction	带金属盖 With metal cover K10B-SFH-1L-MCV-M25 K10B-SFH-1L-MCV-2M25 K10B-SFH-1L-MCV-M32 K10B-SFH-1L-MCV-2M32 K10B-SFH-1L-MCV-PG21 K10B-SFH-1L-MCV-2PG21 K10B-SFH-1L-MCV-PG29 K10B-SFH-1L-MCV-2PG29	M25 M32 PG21 PG29
	上壳 顶出线 高结构 Hoods, top entry, high construction	K10B-TEH-2B-M25 K10B-TEH-2B-M32 K10B-TEH-2B-PG21 K10B-TEH-2B-PG29	M25 M32 PG21 PG29		下壳 电缆对接 Housings, cable to cable	K10B-CCT-1L-M20 K10B-CCT-1L-M25 K10B-CCT-1L-PG16	M20 M25 PG16
	上壳 顶出线 高结构 Hoods, top entry, high construction	K10B-TEH-2B-M25 K10B-TEH-2B-M32 K10B-TEH-2B-PG21 K10B-TEH-2B-PG29	M25 M32 PG21 PG29		下壳 电缆对接 Housings, cable to cable 高结构 high construction	K10B-CCTH-1L-M25 K10B-CCTH-1L-M32 K10B-CCTH-1L-PG21 K10B-CCTH-1L-PG29	M25 M32 PG21 PG29
	下壳 不封底 Housings, bulkhead mounting	K10B-BK-1L			下壳 不封底 Housings, bulkhead mounting	带塑料盖 With plastic cover K10B-BK-1L-CV	
	下壳 封底 Housings, surface mounting	K10B-SF-1L-M20 K10B-SF-1L-2M20 K10B-SF-1L-M25 K10B-SF-1L-2M25 K10B-SF-1L-PG16 K10B-SF-1L-2PG16	M20 2M20 M25 2M25 PG16 2PG16		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K10B-SF-1L-CV-M20 K10B-SF-1L-CV-2M20 K10B-SF-1L-CV-M25 K10B-SF-1L-CV-2M25 K10B-SF-1L-CV-PG16 K10B-SF-1L-CV-2PG16	M20 2M20 M25 2M25 PG16 2PG16
	下壳 封底 高结构 Housings, surface mounting high construction	K10B-SFH-1L-M20 K10B-SFH-1L-2M20 K10B-SFH-1L-M25 K10B-SFH-1L-2M25 K10B-SFH-1L-PG16 K10B-SFH-1L-2PG16	M20 2M20 M25 2M25 PG16 2PG16		下壳 封底 高结构 Housings, surface mounting high construction	带金属盖 With metal cover K10B-SF-1L-MCV-M20 K10B-SF-1L-MCV-2M20 K10B-SF-1L-MCV-M25 K10B-SF-1L-MCV-2M25 K10B-SF-1L-MCV-PG16 K10B-SF-1L-MCV-2PG16	M20 2M20 M25 2M25 PG16 2PG16

► K16B系列金属壳体 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread	外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K16B-SE-4B-M25 K16B-SE-4B-M32 K16B-SE-4B-PG21	M25 M32 PG21		上壳 侧出线 Hoods, side entry	K16B-SE-2L-M25 K16B-SE-2L-M32 K16B-SE-2L-PG21	M25 M32 PG21
	上壳 侧出线 高结构 Hoods, side entry, high construction	K16B-SEH-4B-M32 K16B-SEH-4B-M40 K16B-SEH-4B-PG21 K16B-SEH-4B-PG29	M32 M40 PG21 PG29		上壳 侧出线 高结构 Hoods, side entry, high construction	K16B-SEH-2L-M32 K16B-SEH-2L-M40 K16B-SEH-2L-PG21 K16B-SEH-2L-PG29	M32 M40 PG21 PG29
	上壳 顶出线 Hoods, top entry	K16B-TE-4B-M25 K16B-TE-4B-M32 K16B-TE-4B-PG21	M25 M32 PG21		上壳 顶出线 Hoods, top entry	K16B-TE-2L-M25 K16B-TE-2L-M32 K16B-TE-2L-PG21	M25 M32 PG21
	上壳 顶出线 高结构 Hoods, top entry, high construction	K16B-TEH-4B-M32 K16B-TEH-4B-M40 K16B-TEH-4B-PG21 K16B-TEH-4B-PG29	M32 M40 PG21 PG29		上壳 顶出线 高结构 Hoods, top entry, high construction	K16B-TEH-2L-M32 K16B-TEH-2L-M40 K16B-TEH-2L-PG21 K16B-TEH-2L-PG29	M32 M40 PG21 PG29
	下壳 电缆对接 Housings, cable to cable	K16B-CCT-2L-M25 K16B-CCT-2L-M32 K16B-CCT-2L-PG21	M25 M32 PG21		下壳 不封底 Housings, bulkhead mounting	K16B-BK-4B 带塑料盖 With plastic cover K16B-BK-4B-CV 带金属盖 With metal cover K16B-BK-4B-MCV	M25 M32 PG21
	下壳 电缆对接 高结构 Housings, cable to cable high construction	K16B-CCTH-2L-M32 K16B-CCTH-2L-M40 K16B-CCTH-2L-PG21 K16B-CCTH-2L-PG29	M32 M40 PG21 PG29		下壳 封底 Housings, surface mounting	K16B-SF-4B-M25 K16B-SF-4B-2M25 K16B-SF-4B-PG21 K16B-SF-4B-2PG21	M25 2M25 PG21 2PG21
	下壳 不封底 Housings, bulkhead mounting	K16B-BK-2L			下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K16B-SF-4B-CV-M25 K16B-SF-4B-CV-2M25 K16B-SF-4B-CV-PG21 K16B-SF-4B-CV-2PG21 带金属盖 With metal cover K16B-SF-4B-MCV-M25 K16B-SF-4B-MCV-2M25 K16B-SF-4B-MCV-PG21 K16B-SF-4B-MCV-2PG21	M25 K2M25 PG21 2PG21 M25 2M25 PG21 K2PG21
	下壳 封底 Housings, surface mounting	K16B-SF-2L-M25 K16B-SF-2L-2M25 K16B-SF-2L-PG21 K16B-SF-2L-2PG21	M25 2M25 PG21 2PG21		下壳 封底 高结构 Housings, surface mounting high construction	K16B-SFH-4B-M32 K16B-SFH-4B-2M32 K16B-SFH-4B-PG21 K16B-SFH-4B-2PG21 K16B-SFH-4B-PG29 K16B-SFH-4B-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29
	下壳 封底 高结构 Housings, surface mounting high construction	K16B-SFH-2L-M25 K16B-SFH-2L-2M25 K16B-SFH-2L-M32 K16B-SFH-2L-2M32 K16B-SFH-2L-PG21 K16B-SFH-2L-2PG21 K16B-SFH-2L-PG29 K16B-SFH-2L-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K16B-SFH-1L-CV-M32 K16B-SFH-1L-CV-2M32 K16B-SFH-1L-CV-PG21 K16B-SFH-1L-CV-2PG21 K16B-SFH-1L-CV-PG29 K16B-SFH-1L-CV-2PG29 带金属盖 With metal cover K16B-SFH-1L-MCV-M32 K16B-SFH-1L-MCV-2M32 K16B-SFH-1L-MCV-PG21 K16B-SFH-1L-MCV-2PG21 K16B-SFH-1L-MCV-PG29 K16B-SFH-1L-MCV-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29 M32 2M32 PG21 2PG21 PG29 2PG29

► K16B系列金属壳体 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread	外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K16B-SE-2B-M25 K16B-SE-2B-M32 K16B-SE-2B-PG21	M25 M32 PG21		下壳 封底 高结构 Housings, surface mounting high construction	K16B-SFH-1L-M32 K16B-SFH-1L-2M32 K16B-SFH-1L-PG21 K16B-SFH-1L-2PG21 K16B-SFH-1L-PG29 K16B-SFH-1L-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29
	上壳 侧出线 高结构 Hoods, side entry, high construction	K16B-SEH-2B-M32 K16B-SEH-2B-M40 K16B-SEH-2B-PG21 K16B-SEH-2B-PG29	M32 M40 PG21 PG29		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K16B-SFH-1L-CV-M32 K16B-SFH-1L-CV-2M32 K16B-SFH-1L-CV-PG21 K16B-SFH-1L-CV-2PG21 K16B-SFH-1L-CV-PG29 K16B-SFH-1L-CV-2PG29 带金属盖 With metal cover K16B-SFH-1L-MCV-M32 K16B-SFH-1L-MCV-2M32 K16B-SFH-1L-MCV-PG21 K16B-SFH-1L-MCV-2PG21 K16B-SFH-1L-MCV-PG29 K16B-SFH-1L-MCV-2PG29	M32 M40 PG21 PG29 M32 2M32 PG21 2PG21 PG29 2PG29
	上壳 顶出线 Hoods, top entry	K16B-TE-2B-M25 K16B-TE-2B-M32 K16B-TE-2B-PG21	M25 M32 PG21		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K16B-SFH-1L-CV-M40 K16B-SFH-1L-CV-2M40 K16B-SFH-1L-CV-PG21 K16B-SFH-1L-CV-2PG21 K16B-SFH-1L-CV-PG29 K16B-SFH-1L-CV-2PG29 带金属盖 With metal cover K16B-SFH-1L-MCV-M40 K16B-SFH-1L-MCV-2M40 K16B-SFH-1L-MCV-PG21 K16B-SFH-1L-MCV-2PG21 K16B-SFH-1L-MCV-PG29 K16B-SFH-1L-MCV-2PG29	M25 M32 PG21 M32 M40 PG21 PG29
	上壳 顶出线 高结构 Hoods, top entry, high construction	K16B-TEH-2B-M32 K16B-TEH-2B-M40 K16B-TEH-2B-PG21 K16B-TEH-2B-PG29	M32 M40 PG21 PG29		下壳 电缆对接 Housings, cable to cable	K16B-CCT-1L-M25 K16B-CCT-1L-M32 K16B-CCT-1L-PG21	M25 M32 PG21
	下壳 电缆对接 高结构 Housings, cable to cable high construction	K16B-CCTH-1L-M32 K16B-CCTH-1L-M40 K16B-CCTH-1L-PG21 K16B-CCTH-1L-PG29	M32 M40 PG21 PG29		下壳 不封底 Housings, bulkhead mounting	K16B-BK-1L 带塑料盖 With plastic cover K16B-BK-1L-CV 带金属盖 With metal cover K16B-BK-1L-MCV	M25 M32 PG21 PG29
	下壳 封底 Housings, surface mounting	K16B-SF-1L-M25 K16B-SF-1L-2M25 K16B-SF-1L-PG21 K16B-SF-1L-2PG21	M25 2M25 PG21 2PG21		下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K16B-SFH-1L-CV-M32 K16B-SFH-1L-CV-2M32 K16B-SFH-1L-CV-PG21 K16B-SFH-1L-CV-2PG21 K16B-SFH-1L-CV-PG29 K16B-SFH-1L-CV-2PG29 带金属盖 With metal cover K16B-SFH-1L-MCV-M32 K16B-SFH-1L-MCV-2M32 K16B-SFH-1L-MCV-PG21 K16B-SFH-1L-MCV-2PG21 K16B-SFH-1L-MCV-PG29 K16B-SFH-1L-MCV-2PG29	M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21
	下壳 封底 Housings, surface mounting	K16B-SFH-1L-MCV-M25 K16B-SFH-1L-MCV-2M25 K16B-SFH-1L-MCV-PG21 K16B-SFH-1L-MCV-2PG21	M25 2M25 PG21 2PG21		下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K16B-SFH-1L-CV-M32 K16B-SFH-1L-CV-2M32 K16B-SFH-1L-CV-PG21 K16B-SFH-1L-CV-2PG21 K16B-SFH-1L-CV-PG29 K16B-SFH-1L-CV-2PG29 带金属盖 With metal cover K16B-SFH-1L-MCV-M32 K16B-SFH-1L-MCV-2M32 K16B-SFH-1L-MCV-PG21 K16B-SFH-1L-MCV-2PG21 K16B-SFH-1L-MCV-PG29 K16B-SFH-1L-MCV-2PG29	M25 2M25 PG21 2PG21 M25 2M25 PG21 2PG21

► K24B系列金属壳体 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread	外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K24B-SE-4B-M25 K24B-SE-4B-M32 K24B-SE-4B-PG21	M25 M32 PG21		上壳 侧出线 Hoods, side entry	K24B-SE-2L-M25 K24B-SE-2L-M32 K24B-SE-2L-PG21	M25 M32 PG21
	上壳 侧出线 高结构 Hoods, side entry, high construction	K24B-SEH-4B-M32 K24B-SEH-4B-M40 K24B-SEH-4B-PG21 K24B-SEH-4B-PG29	M32 M40 PG21 PG29		上壳 侧出线 高结构 Hoods, side entry, high construction	K24B-SEH-2L-M32 K24B-SEH-2L-M40 K24B-SEH-2L-PG21 K24B-SEH-2L-PG29	M32 M40 PG21 PG29
	上壳 顶出线 Hoods, top entry	K24B-TE-4B-M25 K24B-TE-4B-M32 K24B-TE-4B-PG21	M25 M32 PG21		上壳 顶出线 Hoods, top entry	K24B-TE-2L-M25 K24B-TE-2L-M32 K24B-TE-2L-PG21	M25 M32 PG21
	上壳 顶出线 高结构 Hoods, top entry, high construction	K24B-TEH-4B-M32 K24B-TEH-4B-M40 K24B-TEH-4B-PG21 K24B-TEH-4B-PG29	M32 M40 PG21 PG29		上壳 顶出线 高结构 Hoods, top entry, high construction	K24B-TEH-2L-M32 K24B-TEH-2L-M40 K24B-TEH-2L-PG21 K24B-TEH-2L-PG29	M32 M40 PG21 PG29
	下壳 电缆对接 Housings, cable to cable	K24B-CCT-2L-M25 K24B-CCT-2L-M32 K24B-CCT-2L-PG21	M25 M32 PG21		下壳 不封底 Housings, bulkhead mounting	K24B-BK-4B 带塑料盖 With plastic cover K24B-BK-4B-CV 带金属盖 With metal cover K24B-BK-4B-MCV	
	下壳 电缆对接 高结构 Housings, cable to cable high construction	K24B-CCTH-2L-M32 K24B-CCTH-2L-M40 K24B-CCTH-2L-PG21 K24B-CCTH-2L-PG29	M32 M40 PG21 PG29		下壳 封底 Housings, surface mounting	K24B-SF-4B-M25 K24B-SF-4B-2M25 K24B-SF-4B-PG21 K24B-SF-4B-2PG21	M25 2M25 PG21 2PG21
	下壳 不封底 Housings, bulkhead mounting	K24B-BK-2L			下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K24B-SF-4B-CV-M25 K24B-SF-4B-CV-2M25 K24B-SF-4B-CV-PG21 K24B-SF-4B-CV-2PG21 带金属盖 With metal cover K24B-SF-4B-MCV-M25 K24B-SF-4B-MCV-2M25 K24B-SF-4B-MCV-PG21 K24B-SF-4B-MCV-2PG21	M25 2M25 PG21 2PG21
	下壳 封底 Housings, surface mounting	K24B-SF-2L-M25 K24B-SF-2L-2M25 K24B-SF-2L-PG21 K24B-SF-2L-2PG21	M25 2M25 PG21 2PG21		下壳 封底 高结构 Housings, surface mounting high construction	K24B-SFH-4B-M32 K24B-SFH-4B-2M32 K24B-SFH-4B-PG21 K24B-SFH-4B-2PG21 K24B-SFH-4B-PG29 K24B-SFH-4B-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29
	下壳 封底 高结构 Housings, surface mounting high construction	K24B-SFH-2L-M32 K24B-SFH-2L-2M32 K24B-SFH-2L-PG21 K24B-SFH-2L-2PG21 K24B-SFH-2L-PG29 K24B-SFH-2L-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K24B-SFH-4B-CV-M32 K24B-SFH-4B-CV-2M32 K24B-SFH-4B-CV-PG21 K24B-SFH-4B-CV-2PG21 K24B-SFH-4B-CV-PG29 K24B-SFH-4B-CV-2PG29 带金属盖 With metal cover K24B-SFH-4B-MCV-M32 K24B-SFH-4B-MCV-2M32 K24B-SFH-4B-MCV-PG21 K24B-SFH-4B-MCV-2PG21 K24B-SFH-4B-MCV-PG29 K24B-SFH-4B-MCV-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29

► K24B系列金属壳体 Metal Hoods & Housings

外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread	外壳Hoods&Housings	描述 Description	型号 Type	螺纹 Thread
	上壳 侧出线 Hoods, side entry	K24B-SE-2B-M25 K24B-SE-2B-M32 K24B-SE-2B-PG21	M25 M32 PG21		下壳 封底 高结构 Housings, surface mounting high construction	K24B-SFH-1L-M32 K24B-SFH-1L-2M32 K24B-SFH-1L-PG21 K24B-SFH-1L-2PG21 K24B-SFH-1L-PG29 K24B-SFH-1L-2PG29	M32 2M32 PG21 2PG21 PG29 2PG29
	上壳 侧出线 高结构 Hoods, side entry, high construction	K24B-SEH-2B-M32 K24B-SEH-2B-M40 K24B-SEH-2B-PG21 K24B-SEH-2B-PG29	M32 M40 PG21 PG29		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K24B-SFH-1L-CV-M32 K24B-SFH-1L-CV-2M32 K24B-SFH-1L-CV-PG21 K24B-SFH-1L-CV-2PG21 K24B-SFH-1L-CV-PG29 K24B-SFH-1L-CV-2PG29 带金属盖 With metal cover K24B-SFH-1L-MCV-M32 K24B-SFH-1L-MCV-2M32 K24B-SFH-1L-MCV-PG21 K24B-SFH-1L-MCV-2PG21 K24B-SFH-1L-MCV-PG29 K24B-SFH-1L-MCV-2PG29	M32 M40 PG21 PG29
	上壳 顶出线 Hoods, top entry	K24B-TE-2B-M25 K24B-TE-2B-M32 K24B-TE-2B-PG21	M25 M32 PG21		下壳 封底 高结构 Housings, surface mounting high construction	带塑料盖 With plastic cover K24B-SFH-1L-CV-M25 K24B-SFH-1L-CV-2M25 K24B-SFH-1L-CV-PG21 K24B-SFH-1L-CV-2PG21	M25 M32 PG21
	上壳 顶出线 高结构 Hoods, top entry, high construction	K24B-TEH-2B-M32 K24B-TEH-2B-M40 K24B-TEH-2B-PG21 K24B-TEH-2B-PG29	M32 M40 PG21 PG29		下壳 不封底 Housings, bulkhead mounting	K24B-BK-1L 带塑料盖 With plastic cover K24B-BK-1L-CV 带金属盖 With metal cover K24B-BK-1L-MCV	M25 M32 PG21
	下壳 电缆对接 Housings, cable to cable	K24B-CCT-1L-M25 K24B-CCT-1L-M32 K24B-CCT-1L-PG21	M25 M32 PG21		下壳 封底 Housings, surface mounting	K24B-SF-1L-M25 K24B-SF-1L-2M25 K24B-SF-1L-PG21 K24B-SF-1L-2PG21	M25 2M25 PG21 2PG21
	下壳 电缆对接 高结构 Housings, cable to cable high construction	K24B-CCTH-1L-M32 K24B-CCTH-1L-M40 K24B-CCTH-1L-PG21 K24B-CCTH-1L-PG29	M32 M40 PG21 PG29		下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K24B-SF-1L-CV-M25 K24B-SF-1L-CV-2M25 K24B-SF-1L-CV-PG21 K24B-SF-1L-CV-2PG21	M25 2M25 PG21 2PG21
	下壳 不封底 Housings, bulkhead mounting	K24B-BK-1L 带塑料盖 With plastic cover K24B-BK-1L-CV 带金属盖 With metal cover K24B-BK-1L-MCV			下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K24B-SF-1L-CV-M25 K24B-SF-1L-CV-2M25 K24B-SF-1L-CV-PG21 K24B-SF-1L-CV-2PG21 带金属盖 With metal cover K24B-SF-1L-MCV-M25 K24B-SF-1L-MCV-2M25 K24B-SF-1L-MCV-PG21 K24B-SF-1L-MCV-2PG21	M25 2M25 PG21 2PG21
	下壳 封底 Housings, surface mounting	K24B-SF-1L-M25 K24B-SF-1L-2M25 K24B-SF-1L-PG21 K24B-SF-1L-2PG21	M25 2M25 PG21 2PG21		下壳 封底 Housings, surface mounting	带塑料盖 With plastic cover K24B-SFH-1L-CV-M25 K24B-SFH-1L-CV-2M25 K24B-SFH-1L-CV-PG21 K24B-SFH-1L-CV-2PG21 带金属盖 With metal cover K24B-SFH-1L-MCV-M25 K24B-SFH-1L-MCV-2M25 K24B-SFH-1L-MCV-PG21 K24B-SFH-1L-MCV-2PG21	M25 2M25 PG21 2PG21

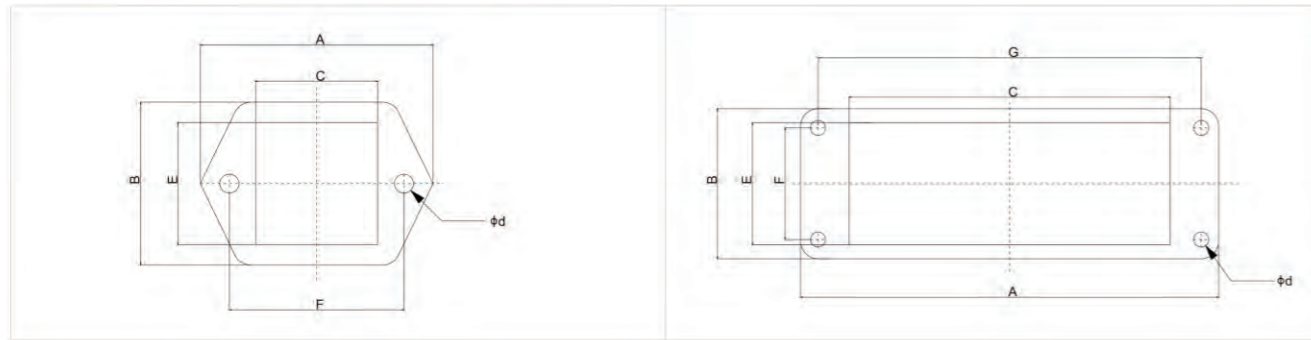
▶ 外壳安装尺寸 Housings Mounting Dimensions

	顶部进线 Top Entry						侧面进线 Side Entry					
1 Locking levers												
2 Locking levers												
Drawing(mm)												
Series	A	B	H	M	PG	Part number	A	B	H	M	PG	Part number
						2bolts 4bolts						2bolts 4bolts
K3A	28	27	60	M20	PG11	K3A-TE-2B	28	27	54.5	M20	PG11	K3A-SE-2B
K10A	63	29.5	47	M20	PG13.5	K10A-TE-2B	63	29.5	51.5	M20	PG13.5	K10A-SE-2B
	63	36	67.5	M25	PG16	K10A-TEH-2B	63	36	67.5	M25	PG16	K10A-SEH-2B
K16A	79.5	29.5	47	M20	PG13.5	K16A-TE-2B	79.5	29.5	61.5	M20	PG13.5	K16A-SE-2B
	79.5	36	70.5	M25	PG16	K16A-TEH-2B	79.5	36	70.5	M25	PG16	K16A-SEH-2B
K32A	82	56	79	M32	PG29	K32A-TEH-4B	82	56	60	M25	PG21	K32A-SE-4B
							82	56	79	M32	PG29	K32A-SEH-4B
K6B	60	43	40	M20	PG13.5	K6B-TE-2B	60	43	43	M20	PG13.5	K6B-SE-2B
	60	43	72	M32	PG21	K6B-TEH-2B	60	43	72	M32	PG21	K6B-SEH-2B
K10B	73	43	45	M25	PG16	K10B-TE-2B	73	43	57	M25	PG16	K10B-SE-2B
	73	43	72	M32	PG21	K10B-TEH-2B	73	43	72	M32	PG21	K10B-SEH-2B
K16B	93.5	43	45	M25	PG21	K16B-TE-2B	93.5	43	62.5	M25	PG21	K16B-SE-2B
	93.5	43	76	M32	PG29	K16B-TEH-2B	93.5	43	76	M32	PG29	K16B-SEH-2B
K24B	120	43	55	M32	PG21	K24B-TE-2B	120	43	62.5	M32	PG21	K24B-SE-2B
	120	43	76	M40	PG29	K24B-TEH-2B	120	43	76	M40	PG29	K24B-SEH-2B
K32B	94	82.5	94	M40	PG36	K32B-TE-2B	94	82.5	94	M40	PG36	K32B-SE-2B
K48B	132	90	98	M50	PG42	K48B-TE-2B	132	90	98	M50	PG42	K48B-SE-2B

▶ 外壳安装尺寸 Housings Mounting Dimensions

	开孔安装 Bulkhead Mounting					表面安装 Surface Mounting									
1 Locking levers															
2 Locking levers															
Drawing(mm)															
Series	A	B	C	E	H	Part number	A	B	C	E	H	M	PG	Part number	
						1 Locking levers 2 Locking levers								1 Locking levers 2 Locking levers	
K3A	28	40		28	23	K3A-BK-1L	30	40	57	27	M20	PG11		K3A-SF-1L	
	28	40		28	23	K3A-BK-1L-MCV									
K10A	70	81	17.5	29	26	K10A-BK-1L	48	75	40	50	52	M20	PG16	K10A-SF-1L	
K16A	86	96	17.5	29	26	K16A-BK-1L	64	80	40	50	57	M25	PG16	K16A-SF-1L	
K32A	92	102	42	56	28.5		K32A-BK-2L	94	106	46	57	82	M32	PG21	K32A-SF-2L
K6B	70	80	32	43.5	28.5	K6B-BK-1L	70	82	40	52	57	M25	PG16	K6B-SF-1L	
							70	82	45	57	74	M32	PG21	K6B-SFH-1L	
K10B	83	93	32	43.5	28.5	K10B-BK-1L	82	94	40	52	54	M25	PG16	K10B-SF-1L	
	83	93	32	43.5	28.5		K10B-BK-2L	82	94	45	57	81	M32	PG21	K10B-SFH-1L
K16B	103	113	32	43.5	28.5	K16B-BK-1L	105	117	45	57	56	M25	PG21	K16B-SF-1L	
	103	113	32	43.5	28.5		K16B-BK-2L	105	117	45	57	81	M32	PG29	K16B-SFH-1L
K24B	130	140	32	43.5	28.5	K24B-BK-1L	132	144	45	57	56	M25	PG21	K24B-SF-1L	
	130	140	32	43.5	28.5		K24B-BK-2L	132	144	45	57	81	M25	PG21	K24B-SFH-1L
K32B	110	124	65	90	33	K32B-BK-1L	112	125	67	87	90	M40	PG36	K32B-SF-1L	
	110	124	65	90	33		K32B-BK-2L								
K48B	148	165	70	96	40	K48B-BK-1L	111	141	106	120	99	M40	PG36	K48B-SF-1L	

▶ 外壳安装尺寸 Housings Mounting Dimensions



Housings type	Mounting type	Dimensions(mm)						
		A	B	C	E	F	G	φd
K3A	Bulkhead	40	28	21	21	30	-	3.3
	Surface	40	28	-	-	30	-	3.3
K10A	Bulkhead	81	29.5	57.5	24	17.5	70	3.6
	Surface	80	50	-	-	40	48	4.5
K16A	Bulkhead	96	29.5	73.7	24	17.5	86	3.6
	Surface	96	50	-	-	40	64	4.5
K32A	Bulkhead	102	56	74.2	48.4	42	92	4.3
	Surface	106	57	-	-	46	94	5.5
K6B	Bulkhead	80	43	52.2	35	32	70	4.3
	Surface	82	52	-	-	40	70	5.5
K10B	Bulkhead	93	43	65.2	35	32	83	4.3
	Surface	94	52	-	-	40	82	5.5
K16B	Bulkhead	113	43	85.5	35	32	103	4.3
	Surface	117	57	-	-	45	105	5.5
K24B	Bulkhead	140	43	112.2	35	32	130	4.3
	Surface	144	57	-	-	45	132	5.5
K32B	Bulkhead	124	79	85.5	71	65	110	5.5
	Surface	124.5	81	-	-	67	112	5.5
K48B	Bulkhead	165	90	124	82	70	148	7
	Surface	132	120	-	-	106	111	6.5

▶ 工具 Tools



Crimping tool
Wire gauge: (TL1)0.14-4.0mm²
Order NO: KF-TL02



Removal tool (10A)
Matching: DD,DDD,DM
Order NO: KF-10A退针器



Removal tool (16A)
Matching: DEE,DM
Order NO: KF-16A退针器



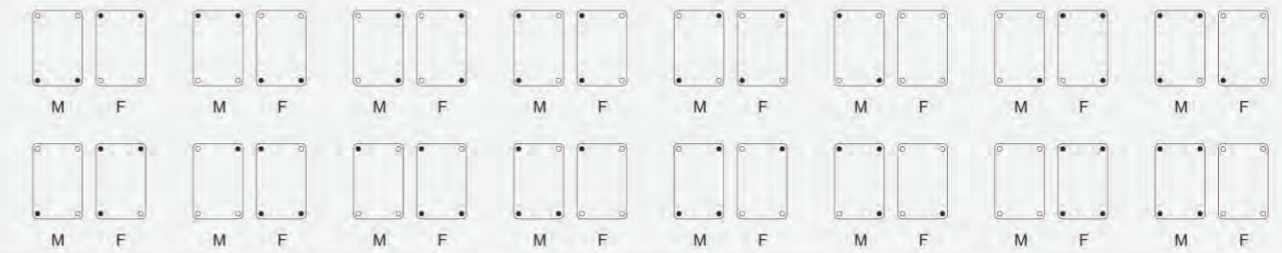
Removal tool (40A)
Matching: DM
Order NO: KF-40A退针器

▶ 编码 Coding

用导向销和导向孔编号 Coding system with guide pins bushes

导向孔 Guide bush	型号 Type	规格尺寸 Dimension
	KBM-DCRF-M3	
	KBM-DCRF-M3	

适用于可安装一个插芯或框架的外壳 For hoods housings with one insert one frame



导向孔 Guide bush	型号 Type	规格尺寸 Dimension
	KBM3-DCRM-M3	

适用于可安装一个插芯或框架的外壳 For hoods housings with one insert one frame



冷压针 Crimp Contacts

(5A) Crimp contacts	Matching: KM inserts	Material: Copper alloy	Contact resistance $\leq 3m\Omega$
Terminal: Crimp connection	Male Contacts		
Silver plated	KF-5A-SM-0.25	KF-5A-SF-0.25	
	KF-5A-SM-0.33	KF-5A-SF-0.33	
	KF-5A-SM-0.52	KF-5A-SF-0.52	
Gold plated	KF-5A-GM-0.25	KF-5A-GF-0.25	
	KF-5A-GM-0.33	KF-5A-GF-0.33	
	KF-5A-GM-0.52	KF-5A-GF-0.52	
		Wire gauge	Recommended stripping length
		mm ²	AWG
		0.09-0.25	28-24
		0.25-0.33	24-22
		0.33-0.52	22-20

(10A) Crimp contacts	Matching: KD,KDD,KM,KK,KQ inserts	Material: Copper alloy	Contact resistance $\leq 3m\Omega$
Terminal: Crimp connection	Male Contacts		
Silver plated	KF-10A-SM-0.37	KF-10A-SF-0.37	
	KF-10A-SM-0.5	KF-10A-SF-0.5	
	KF-10A-SM-0.75	KF-10A-SF-0.75	
	KF-10A-SM-1.0	KF-10A-SF-1.0	
	KF-10A-SM-1.5	KF-10A-SF-1.5	
	KF-10A-SM-2.5	KF-10A-SF-2.5	
Gold plated	KF-10A-GM-0.37	KF-10A-GF-0.37	
	KF-10A-GM-0.5	KF-10A-GF-0.5	
	KF-10A-GM-0.75	KF-10A-GF-0.75	
	KF-10A-GM-1.0	KF-10A-GF-1.0	
	KF-10A-GM-1.5	KF-10A-GF-1.5	
	KF-10A-GM-2.5	KF-10A-GF-2.5	
		Wire gauge	Recommended stripping length
		mm ²	AWG
		0.14-0.37	26-22
		0.5	20
		0.75	18
		1.0	18
		1.5	16
		2.5	14

(16A) Crimp contacts	Matching: KA,KE,KEE,KM,KK inserts	Material: Copper alloy	Contact resistance $\leq 1m\Omega$
Terminal: Crimp connection	Male Contacts		
Silver plated	KF-16A-SM-0.37	KF-16A-SF-0.37	
	KF-16A-SM-0.5	KF-16A-SF-0.5	
	KF-16A-SM-0.75	KF-16A-SF-0.75	
	KF-16A-SM-1.0	KF-16A-SF-1.0	
	KF-16A-SM-1.5	KF-16A-SF-1.5	
	KF-16A-SM-2.5	KF-16A-SF-2.5	
	KF-16A-SM-4.0	KF-16A-SF-4.0	
Gold plated	KF-16A-GM-0.37	KF-16A-GF-0.37	
	KF-16A-GM-0.5	KF-16A-GF-0.5	
	KF-16A-GM-0.75	KF-16A-GF-0.75	
	KF-16A-GM-1.0	KF-16A-GF-1.0	
	KF-16A-GM-1.5	KF-16A-GF-1.5	
	KF-16A-GM-2.5	KF-16A-GF-2.5	
	KF-16A-GM-4.0	KF-16A-GF-4.0	
		Wire gauge	Recommended stripping length
		mm ²	AWG
		0.14-0.37	26-22
		0.5	20
		0.75	18
		1.0	18
		1.5	16
		2.5	14
		4.0	12

(40A) Crimp contacts	Matching: KM inserts	Material: Copper alloy	Contact resistance $\leq 0.3m\Omega$
Terminal: Crimp connection	Male Contacts		
Silver plated	KF-40A-SM-1.5	KF-40A-SF-1.5	
	KF-40A-SM-2.5	KF-40A-SF-2.5	
	KF-40A-SM-4.0	KF-40A-SF-4.0	
	KF-40A-SM-6.0	KF-40A-SF-6.0	
	KF-40A-SM-10	KF-40A-SF-10	
Gold plated	KF-40A-GM-1.5	KF-40A-GF-1.5	
	KF-40A-GM-2.5	KF-40A-GF-2.5	
	KF-40A-GM-4.0	KF-40A-GF-4.0	
	KF-40A-GM-6.0	KF-40A-GF-6.0	
	KF-40A-GM-10	KF-40A-GF-10	
		Wire gauge	Recommended stripping length
		mm ²	AWG
		1.5	16
		2.5	14
		4.0	12
		6.0	10
		10	8

(70A) Crimp contacts	Matching: KM inserts	Material: Copper alloy	Contact resistance $\leq 0.5m\Omega$
Terminal: Crimp connection	Male Contacts		
Silver plated	KF-70A-SM-10	KF-70A-SF-10	
	KF-70A-SM-16	KF-70A-SF-16	
	KF-70A-SM-25	KF-70A-SF-25	
		Wire gauge	Recommended stripping length
		mm ²	AWG
		10	8
		16	6
		25	4

电缆接头选型指南 Cable Connector Part Number Guidelines

适用于标准电缆的接头规格 Sutable for standard cable connector specifications

线径 Wire gauge	芯数 Number of pins	电缆直径范围 \varnothing Cable diameter range	M制	PG制	线径 Wire gauge	芯数 Number of pins	电缆直径范围 \varnothing Cable diameter range	M制	PG制
0.5mm ²	4	6.7-9.7	20	11,13.5	0.75mm ²	4	7.9-10.3	20	11,13.5
	6	7.6-10.6	20	11,13.5		6	8.9-12.3	20,25	13.5,16
	10	9.4-12.8	20,25	13.5,16		10	10.4-13.8	20,25	16,21
	16	10.7-13.9	20,25	16,21		18	13-16.2	25	21
	24	13.5-16.7	25	21		25	15.9-18.5	25,32	21,29
AWG20	35	16-18.6	25,32	21,29	AWG18	32	17.1-19.7	25,32	21,29
	40	16.6-19.2	25,32	21,29		40	19-21.4	32	29
	61	20.3-23.1	32	29		50	21.3-24.1	32	29
						61	22.6-25.4	32,40	29,36

线径 Wire gauge	芯数 Number of pins	电缆直径范围 \varnothing Cable diameter range	M制	PG制	线径 Wire gauge	芯数 Number of pins	电缆直径范围 \varnothing Cable diameter range	M制	PG制	
1.0mm ²	4	8.4-10.7	20	11,13.5	1.5mm ²	4	9.7-11.8	20	11,13.5	
	6	9.2-12.6	20,25	13.5,16		6	10.8-14.2	20,25	13.5,16	
	10	11-14.4	20,25	16,21		11	13.6-16.8	25	21	
	16	13-16.2	25	21		16	15.8-18.4	25,32	21,29	
	24	16.5-19.1	25,32	21,29		25	20.2-23	32	29	
AWG16-18	34	19.4-21.8	32	29	AWG16	32	23.8-24.5	32,40	29,36	
	48	22-24.8	32	29		42	25.8-29	40	36	
	61	24.5-27.2	32,40	29,36		61	28.6-31.8	40,50	36,42	

线径 Wire gauge	芯数 Number of pins	电缆直径范围 \varnothing Cable diameter range	M制	PG制	线径 Wire gauge	芯数 Number of pins	电缆直径范围 \varnothing Cable diameter range	M制	PG制
2.5mm ²	4	11.7-14.4	20,25	11,13.5	4.0mm ²	2	10.7-14.1	20,25	13.5,16
	6	13.6-16.7	25	13.5,16		4	13-16.4	25	21
	11	18-20.6	25,32	21		5	14.3-17.7	25,32	21,29
	16	20.6-23.4	32	21,29		7	16.2-19.6	25,32	21,29
	25	26.4-29.6	40	29		11	Approx.24.5	40	36
AWG14	34	31.3-33.1	50	29,36					
	50	37-39.4	50	36					
	61	39-41.5	63	36,42					

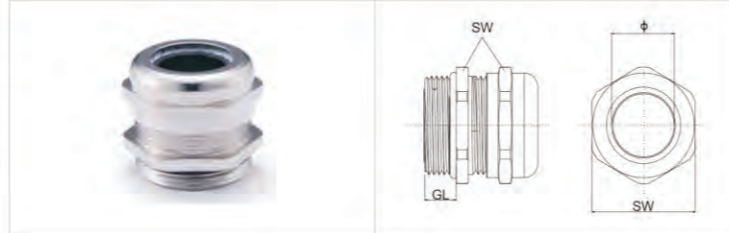
PG制螺纹与公制 (M) 螺纹对照表 Cross reference form PG thread to Metric thread

PG	Metric
PG 11	
PG 13.5	M20
PG 16	
PG 21	M25
PG 29	M32
PG 36	M40
PG 42	M50
PG 48	M63

► 电缆接头 Cable Glands

Metal cable gland

Material: Brass nickel plated
 Seal material: NBR
 Degree of protection: IP68
 Press seal material: PA
 Temperature range: Static: -40°C~+100°C
 Dynamic: -20°C~+80°C



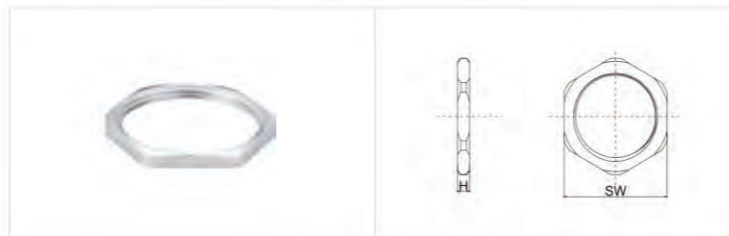
Unit:mm

PG thread	Clamp range(φ)	SW	GL	Type
PG7	3-6.5	14	6	KFA-PG7M
PG9	4-8	17	7	KFA-PG9M
PG11	5-10	20	8	KFA-PG11M
PG13.5	6-12	22	8	KFA-PG13.5M
PG16	8-14	24	8	KFA-PG16M
PG21	13-18	30	8	KFA-PG21M
PG29	18-25	40	9	KFA-PG29M
PG36	22-32	50	10	KFA-PG36M
PG42	31-38	58	10	KFA-PG42M
PG48	37-44	64	12	KFA-PG48M

Metric	Clamp range(φ)	SW	GL	Type
M12x1.5	3-6.5	14	6	KFA-M12M
M16x1.5	5-10	18	7	KFA-M16M
M20x1.5	6-12	22	8	KFA-M20M
M25x1.5	13-18	30	8	KFA-M25M
M32x1.5	18-25	40	9	KFA-M32M
M40x1.5	22-32	50	10	KFA-M40M
M50x1.5	30-38	58	10	KFA-M50M
M63x1.5	37-44	68	12	KFA-M63M

Metal lock unt

Material: Brass nickel plated
 Temperature range: -40~100°C



Unit:mm

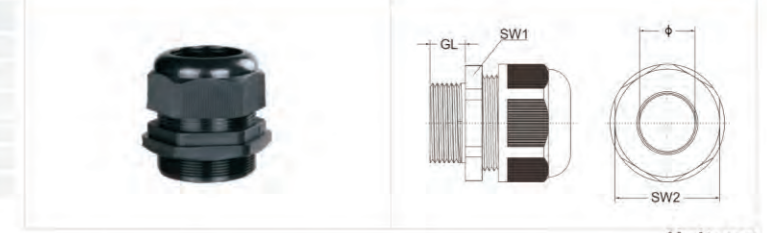
PG thread	Thickness(H)	SW	Type
PG7	2.5	14	KFA-PG7M/S
PG9	2.8	18	KFA-PG9M/S
PG11	3.0	20	KFA-PG11M/S
PG13.5	3.0	22	KFA-PG13.5M/S
PG16	3.0	24	KFA-PG16M/S
PG21	3.5	31	KFA-PG21M/S
PG29	4.0	40	KFA-PG29M/S
PG36	5.0	52	KFA-PG36M/S
PG42	5.0	58	KFA-PG42M/S
PG48	5.5	64	KFA-PG48M/S

Metric	Thickness(H)	SW	Type
M12x1.5	2.5	14	KFA-M12M/S
M16x1.5	2.8	18	KFA-M16M/S
M20x1.5	3.0	22	KFA-M20M/S
M25x1.5	3.0	27	KFA-M25M/S
M32x1.5	3.5	35	KFA-M32M/S
M40x1.5	4.5	43	KFA-M40M/S
M50x1.5	5.0	55	KFA-M50M/S
M63x1.5	5.5	68	KFA-M63M/S

► 电缆接头 Cable Glands

Plastics Cable gland

Material: Nylon
 Seal material: NBR
 Degree of protection: IP68
 Press seal material: PA
 Temperature range: Static: -40°C~+100°C
 Dynamic: -20°C~+80°C



Unit:mm

PG thread	Clamp range(φ)	SW1	SW2	GL	Type
PG7	3-6.5	14.7	14.8	8.2	KFAP-PG7P
PG9	4-8	18.7	18.8	9	KFAP-PG9P
PG11	5.5-10	22.2	22	9.7	KFAP-PG11P
PG13.5	6-12.5	23.6	24	10	KFAP-PG13.5P
PG16	8.5-14	26.5	27	11	KFAP-PG16P
PG21	12.5-18	33	32.6	12.1	KFAP-PG21P
PG29	17-25	42	40.6	12.5	KFAP-PG29P
PG36	25-32.5	53	51.2	14.8	KFAP-PG36P
PG42	31-41	61	62.3	16.1	KFAP-PG42P
PG48	37-44	64		15	KFAP-PG48P

Metric	Clamp range(φ)	SW	SW2	GL	Type
M12x1.5	3-6.5	14.8	14.8	8	KFAP-M12P
M16x1.5	4-8	18.6	18.7	8.8	KFAP-M16P
M20x1.5	6-12	23.7	24	10	KFAP-M20P
M25x1.5	13-18	33	32.6	12	KFAP-M25P
M32x1.5	18-25	42	41	12	KFAP-M32P
M40x1.5	22-32	52.5	51.5	15	KFAP-M40P
M50x1.5	31-41	61.4	62.3	16.1	KFAP-M50P
M63x1.5	35-45	67.6	67.7	18	KFAP-M63P

Plastics lock unt

Material: Nylon
 Temperature range: -40~100°C



Unit:mm

PG thread	Thickness(H)	SW	Type
PG7	4.5	17	KFAP-PG7P/S
PG9	4.5	22	KFAP-PG9P/S
PG11	5.0	24	KFAP-PG11P/S
PG13.5	5.0	27	KFAP-PG13.5P/S
PG16	5.5	29	KFAP-PG16P/S
PG21	6.0	36	KFAP-PG21P/S
PG29	7.0	45.5	KFAP-PG29P/S
PG36	8.0	57	KFAP-PG36P/S
PG42	8.0	63	KFAP-PG42P/S
PG48	8.0	70	KFAP-PG48P/S

Metric	Thickness(H)	SW2	Type
M12x1.5	4.5	18	KFAP-M12P/S
M16x1.5	5.0	22	KFAP-M16P/S
M20x1.5	5.0	27	KFAP-M20P/S
M25x1.5	5.2	33	KFAP-M25P/S
M32x1.5	6.0	41	KFAP-M32P/S
M40x1.5	8.0	50	KFAP-M40P/S
M50x1.5	8.0	62.5	KFAP-M50P/S
M63x1.5	8.0	74	KFAP-M63P/S



慈溪市科发电子有限公司
KEFA ELECTRONICS CO., LTD.CIXI

地址: 浙江省慈溪市逍林镇联振路355号 邮编: 315321
 ADD: No.355,LianZhen Road,XiaoLin Town, Cixi City,NingBo,ZheJiang Prov.,China
 Http: //www.cnkefa.com E-mail: manager@cnkefa.com
 Http: //www.kefaelectronic.com

国内贸易部
DOMESTIC SALES

国内贸易一部
 电话: 0086-574-63502084 63518881
 传真: 0086-574-63506928

Domestic Sales Dept 1.
 TEL: 0086-574-63502084 63518881
 FAX: 0086-574-63506928

国内贸易二部
 电话: 0086-574-63512981 63516423
 传真: 0086-574-63506423

Domestic Sales Dept 2.
 TEL: 0086-574-63512981 63516423
 FAX: 0086-574-63506423

国内贸易三部
 电话: 0086-574-63512982 63506078
 传真: 0086-574-63517199

Domestic Sales Dept 3.
 TEL: 0086-574-63512982 63506078
 FAX: 0086-574-63517199

国内贸易四部
 电话: 0086-574-63515955
 0086-574-63512985

Domestic Sales Dept 4.
 TEL: 0086-574-63515955
 0086-574-63512985

国际贸易部
INTERNATIONAL TRADE

国际贸易一部
 联系人: 许小姐
 电话: 0086-574-63502332
 E-mail: International@cnkefa.com

International Trade 1
 Contact: Liner Xu
 TEL: 0086-574-63502332
 E-mail: International@cnkefa.com

国际贸易二部
 联系人: 邹小姐
 电话: 0086-574-63509566
 E-mail: Kefa@cnkefa.com/Vivian@cnkefa.com

International Trade 2
 Contact: Miss Zou
 TEL: 0086-574-63509566
 E-mail:Kefa@cnkefa.com/Vivian@cnkefa.com

国际贸易三部
 联系人: 岑小姐
 电话: 0086-574-63515278
 E-mail: bingo@cnkefa.com

International Trade 3
 Contact: Miss Cen
 Tel: 0086-574-63515278
 E-mail: bingo@cnkefa.com

深圳总代理:
 地址: 深圳市福田区华强北路华强广场D座19H房
 电话: 0086-755-8860 0158
 手机: 13510877202 13602554522
 联系人: 黄先生 徐小姐

Shengzhen General Agent
 Add: Room 19H, Block D, Huaqiang Plaza, Huaqiang
 North Road, Futian District, Shenzhen
 Tel: 0086-755-8860 0158
 Mobile phone: 13510877202 13602554522
 Contact person: Mr. Huang Miss xu

广州总代理
 地址: 广州越秀区惠福西路175号精鸿电子城2F022室
 电话: 0086-020-81900882
 传真: 0086-020-81874541
 手机: 13929545810 15302235666
 QQ: 861046061
 联系人: 岑先生
 E-mail: qldz888@163.com

Guangzhou Agent
 Add: No B2F022, Jinghong Electronic Building, No175
 West-HuiFu Road, Yuexiu Area, Guangzhou City,China
 Tel: 0086-020-81900882
 Fax: 0086-020-81874541
 Mobile phone: 13929545810 15302235666
 QQ: 861046061
 Contact person: Mr. Cen
 E-mail: qldz888@163.com

上海总代理
 地址: 上海市黄浦区北京东路668号B区B210-211房间
 电话: 0086-21-53085170 61220596
 传真: 0086-21-60900970
 手机: 13818001462
 E-mail: gao_meng_yue@126.com
 联系人: 高先生

Shanghai Agent
 Add: Room B210-211, Zone B, No.668 Beijing East Road,
 HuangPu District, Shanghai City
 Tel:0086-21-53085170 61220596
 Fax:0086-21-60900970
 Mobile phone:13818001462
 E-mail: gao_meng_yue@126.com
 Contact person: Mr. Gao

南京总代理
 地址: 南京市江宁区将军大道20号(宏运电子城1楼61号)
 电话: 025-84548252 84537002
 传真: 025-84549877
 手机: 13951954548
 QQ: 1574043362
 联系人: 潘小姐

Nanjing agent
 Add: Room #61,HongYuan Electronics Center,No.20,
 JiangJun Road,JiangNing Dist.,Nanjing City,JiangSu Prov.,China
 Tel: 025-84548252 84537002
 Fax: 025-84549877
 Mobile phone: 13951954548
 QQ: 1574043362
 Contact : Miss Pan