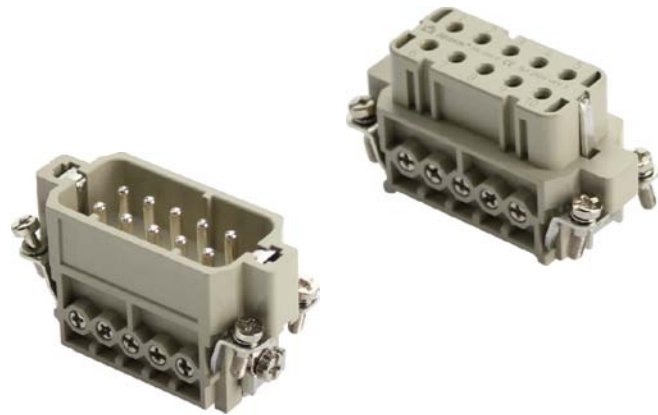
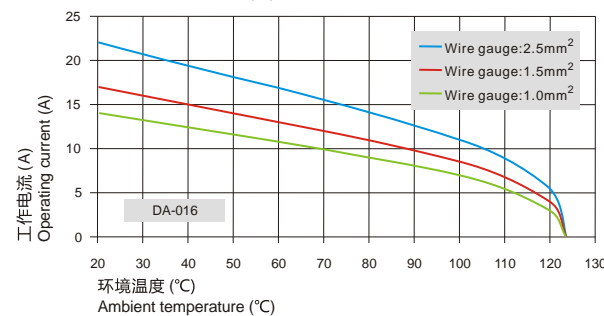
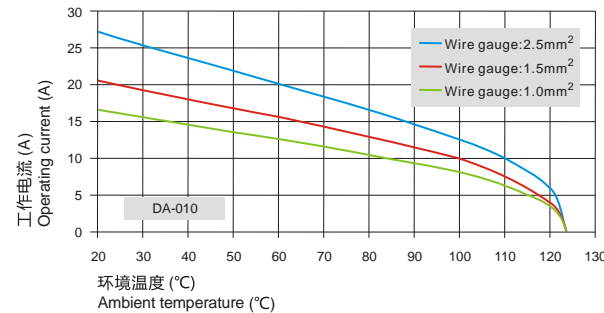
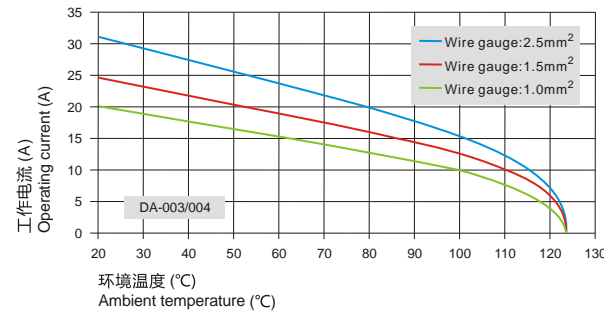


DA Series



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
DA-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
DA-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	$\geq 10^{10} \Omega$
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 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1m \Omega$
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(DA-003/004) or 0.5Nm(DA-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.

DA-003 小型插芯 The Slim Inserts 230V 10A 3+⊕

DA-004 小型插芯 The Slim Inserts 400V 10A 4+⊕

外壳尺寸：匹配3A外壳，请参考P81-82页 Hoods/Housings: Matching 3A Hoods Housing, detail on P81-82

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
螺丝连接 Screw terminal 	DA-003-M	DA-003-F	0.75-1.5	18-14	尺寸图及孔位图 Dimension and hole site
弹片连接 Cage-clamp 	DA-003-MS	DA-003-FS	0.5-2.5	20-14	尺寸图及孔位图 Dimension and hole site
螺丝连接 Screw terminal 	DA-004-M	DA-004-F	0.75-1.5	18-14	尺寸图及孔位图 Dimension and hole site
弹片连接 Cage-clamp 	DA-004-MS	DA-004-FS	0.5-2.5	20-14	尺寸图及孔位图 Dimension and hole site

DA-010 小型插芯 The Slim Inserts 250V 16A 10+ \oplus

外壳尺寸：匹配 10A 外壳，请参考 P83 页 Hoods/Housings: Matching 16A Hoods/Housing, detail on P83

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
螺丝连接 Screw terminal 	DA-010-M	DA-010-F	0.75-2.5	18-14	接插体之间的最大距离24mm Distance for contact max.24mm
冷压连接 Crimp terminal 	DA-010-MC	DA-010-FC	0.14-4.0	26-12	接插针排序 Contacts arrangement view for termination side

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		Male		Female	
Material: Copper alloy					
Contact resistance ≤ 1mΩ		25	25	22.2	22.2
Matching: DA, DE, DEE, DM, DK inserts					
Surface: Gold/silver plated					
Terminal: Crimp connection					

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A 冷压针 16A Crimp contacts
型号 Type : RT-10A

DA-016 小型插芯 The Slim Inserts 250V 16A 16+ \oplus

外壳尺寸：匹配 16A 外壳，请参考 P84 页 Hoods/Housings: Matching 16A Hoods/Housing, detail on P84

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
螺丝连接 Screw terminal 	DA-016-M	DA-016-F	0.75-2.5	18-14	接插体之间的最大距离24mm Distance for contact max.24mm
冷压连接 Crimp terminal 	DA-016-MC	DA-016-FC	0.14-4.0	26-12	接插针排序 Contacts arrangement view for termination side

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		Male		Female	
Material: Copper alloy					
Contact resistance ≤ 1mΩ		25	25	22.2	22.2
Matching: DA, DE, DEE, DM, DK inserts					
Surface: Gold/silver plated					
Terminal: Crimp connection					

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A 冷压针 16A Crimp contacts
型号 Type : RT-10A

DA-032 小型插芯 The Slim Inserts 250V 16A 32+ ⊕

外壳尺寸：匹配32A外壳，请参考P85-86页 Hoods/Housings: Matching 32A Hoods Housing, detail on P85-86

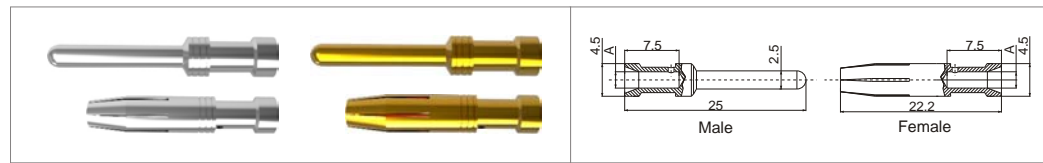
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
螺丝连接 Screw terminal 	DA-032-M	DA-032-F	0.75-2.5	18-14	接插体之间的最大距离21mm Distance for contact max.21mm
冷压连接 Crimp terminal 	DA-032-MC	DA-032-FC	0.14-4.0	26-14	接插针排序 Contacts arrangement view for termination side 面孔安装开孔图 Panel cut out for use without Hoods/housings

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

Material: Copper alloy
Contact resistance ≤ 1mΩ
Matching: DA, DE, DEE, DM, DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

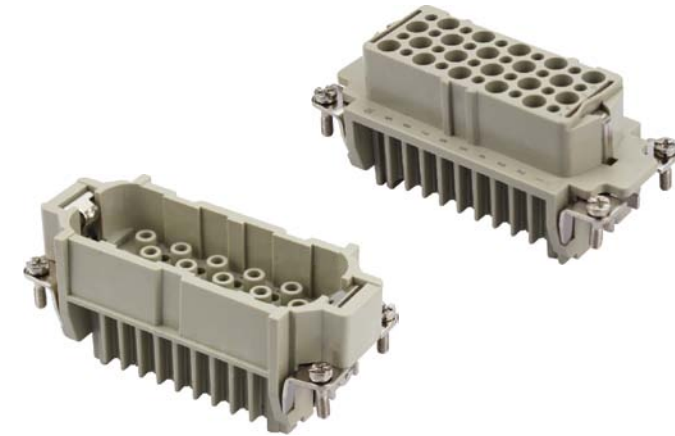
压接线径 Wire gauge: 0.5-4.0mm² (AWG 20-12)
型号 Type: TL1-4.0



退针器 Removal tool

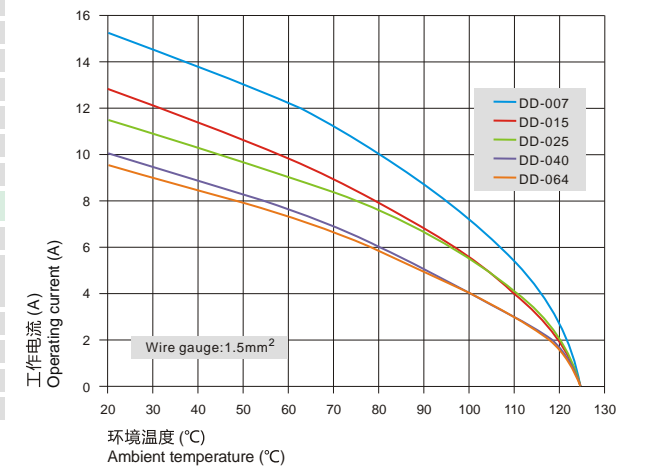
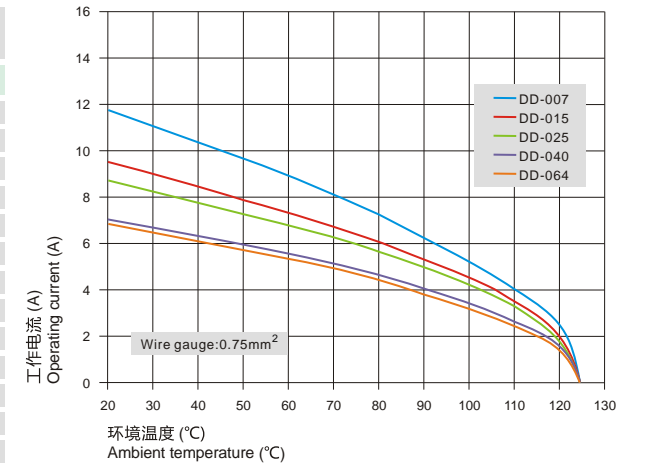
适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type: RT-10A

DD - 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	
接插件件数 Number of contacts	7,15,25,40,50(25X2),64,80(40X2),128(64X2)+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
DD-008	
· 额定电流 Rated current	10A
· 额定电压 Rated voltage	-50V/-120V
· 额定脉冲电压 Rated impulse voltage	0.8KV
· 污染程度 Pollution degree	3
· 依据UL/CSA额定电压 Rated voltage acc.to UL CSA	50V
· 额定电压(直流电压) Rated voltage (DC voltage)	120V
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 Hard-gold plated 镀银 Hard-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




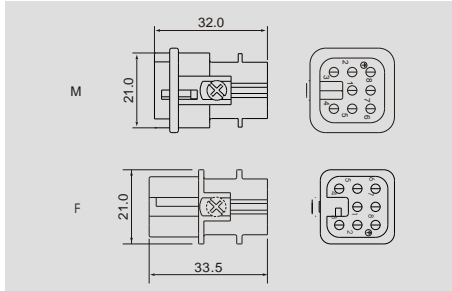

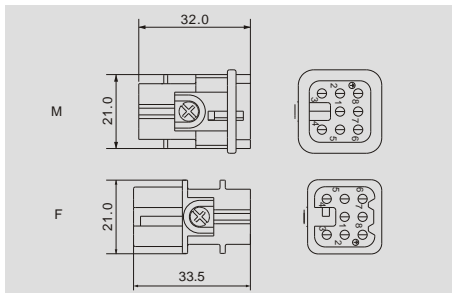
电流负载能力 Current carrying capacity

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.

DD-007 超高密度型插芯 Ultra-high Density Inserts 250V 10A 7+⊕
 DD-008 超高密度型插芯 Ultra-high Density Inserts -120V/ ~ 50V 10A 8+⊕

外壳尺寸：匹配3A外壳，请参考P81-82页 Hoods/Housings: Matching 3A Hoods Housing, detail on P81-82

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
冷压连接 Crimp terminal 	DD-007-MC	DD-007-FC	0.14-2.5	26-14	尺寸图及孔位图 Dimension and hole site 
冷压连接 Crimp terminal 	DD-008-MC	DD-008-FC	0.14-2.5	26-14	尺寸图及孔位图 Dimension and hole site 

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
 型号 Type : TL1-4.0


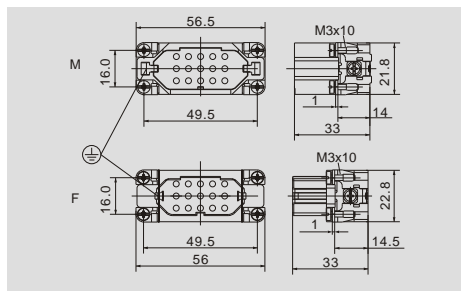
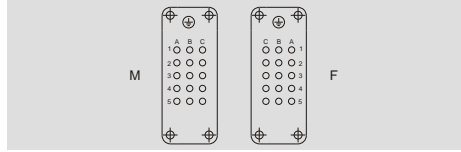
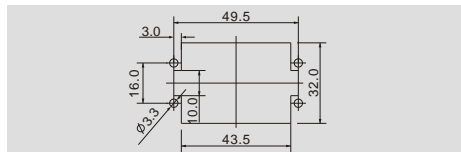


退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
 型号 Type : RT-10A

DD-015 超高密度插芯 Ultra-high Density Inserts 250V 10A 15+⊕

外壳尺寸：匹配10A外壳，请参考P83页 Hoods/Housings: Matching 10A Hoods Housing, detail on P83

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
冷压连接 Crimp terminal 	DD-015-MC	DD-015-FC	0.14-2.5	26-14	接插体之间的最大距离24mm Distance for contact max.24mm  接插针排序 Contacts arrangement view for termination side  面孔安装开孔图 Panel cut out for use without Hoods/housings 

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
 型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
 型号 Type : RT-10A

DD-025 超高密度插芯 Ultra-high Density Inserts 250V 10A 25+ ⊕

外壳尺寸：匹配 16A 外壳，请参考 P84 页 Hoods/Housings: Matching 16A Hoods Housing, detail on P84

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DD-025-MC	DD-025-FC	0.14-2.5	26-14	<p>接插体之间的最大距离24mm Distance for contact max.24mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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

Material: Copper alloy
Contact resistance ≤ 3mΩ
Matching: DD, DDD, DM, DK, DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DD-040 超高密度插芯 Ultra-high Density Inserts 250V 10A 40+ ⊕

外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods Housing, detail on P94-99

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DD-040-MC	DD-040-FC	0.14-2.5	26-14	<p>接插体之间的最大距离24mm Distance for contact max.24mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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

Material: Copper alloy
Contact resistance ≤ 3mΩ
Matching: DD, DDD, DM, DK, DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0


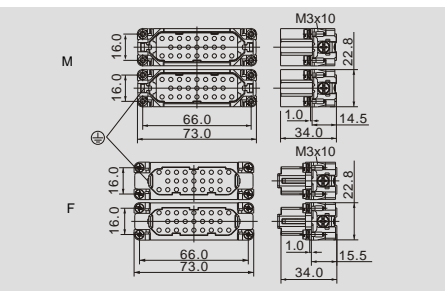
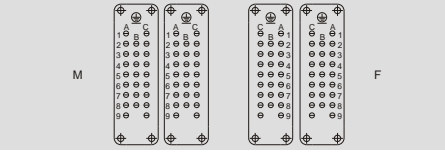
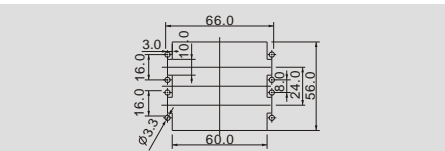


退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DD-050 超高密度插芯 Ultra-high Density Inserts 250V 10A 50+ \pm

外壳尺寸：匹配32A外壳，请参考P85-86页 Hoods/Housings: Matching 32A Hoods Housing, detail on P85-86

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
 <p>冷压连接 Crimp terminal</p>	DD-050-MC (2X25)	DD-050-FC (2X25)	0.14-2.5	26-14	<p>接插体之间的最大距离24mm Distance for contact max.24mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 

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:



工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0


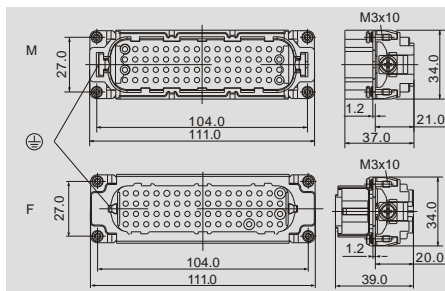
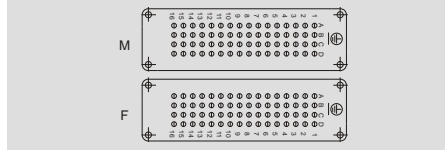
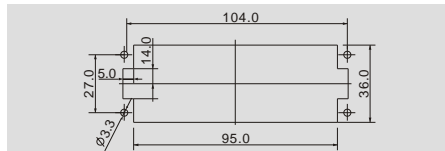


退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DD-064 超高密度插芯 Ultra-high Density Inserts 250V 10A 64+ \pm

外壳尺寸：匹配24B外壳，请参考P100-105页 Hoods/Housings: Matching 24B Hoods Housing, detail on P101-106

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
 <p>冷压连接 Crimp terminal</p>	DD-064-MC	DD-064-FC	0.14-2.5	26-14	<p>接插体之间的最大距离24mm Distance for contact max.24mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 

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:



工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0


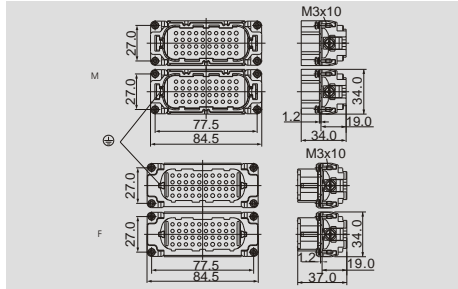
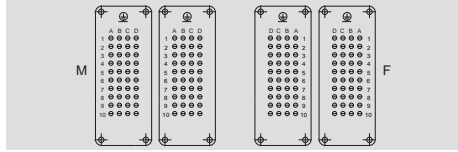
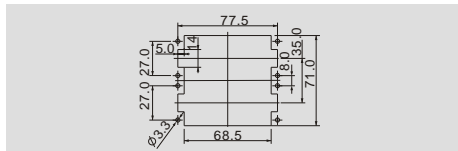


退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DD-080 超高密度插芯 Ultra-high Density Inserts 250V 10A 80+⊕

外壳尺寸：匹配32B外壳，请参考P106-107页 Hoods/Housings: Matching 32B Hoods Housing, detail on P107-108

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
冷压连接 Crimp terminal 	DD-080-MC (2X40)	DD-080-FC (2X40)	0.14-2.5	26-14	接插体之间的最大距离24mm Distance for contact max.24mm  接插针排序 Contacts arrangement view for termination side  面孔安装开孔图 Panel cut out for use without Hoods/housings 

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:


Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool


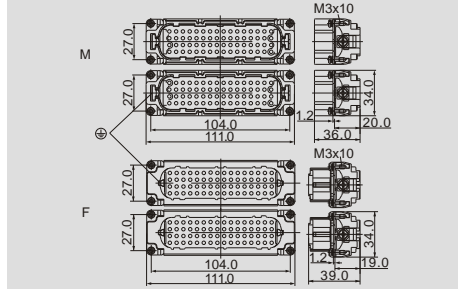
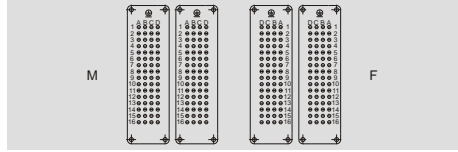
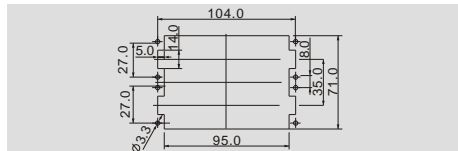
 压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
型号 Type : TL1-4.0


退针器 Removal tool

 适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DD-128 超高密度插芯 Ultra-high Density Inserts 250V 10A 128+⊕

外壳尺寸：匹配48B外壳，请参考P108页 Hoods/Housings: Matching 48B Hoods Housing, detail on P109

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
冷压连接 Crimp terminal 	DD-0128-MC (2X64)	DD-128-FC (2X64)	0.14-2.5	26-14	接插体之间的最大距离24mm Distance for contact max.24mm  接插针排序 Contacts arrangement view for termination side  面孔安装开孔图 Panel cut out for use without Hoods/housings 

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:


Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

 压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
型号 Type : TL1-4.0


退针器 Removal tool

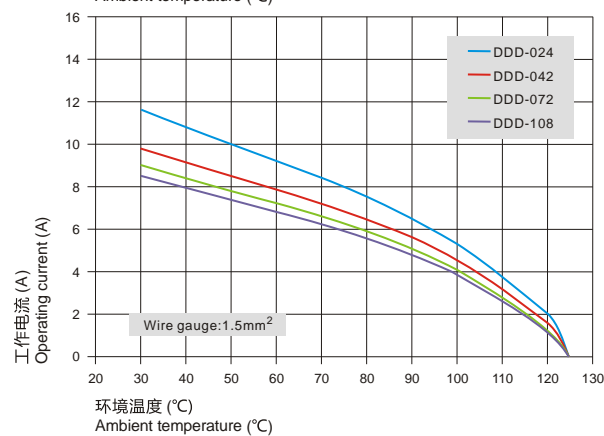
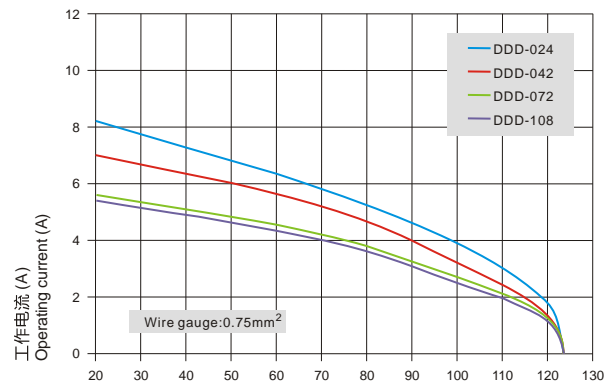
 适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DDD 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 Hard-gold plated 镀银 Hard-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.

DDD-024 超高密度插芯 Ultra-high Density Inserts 250V 10A 24+⊕

外壳尺寸：匹配6B外壳，请参考P86-87页 Hoods/Housings: Matching 6B Hoods Housing, detail on P87-88

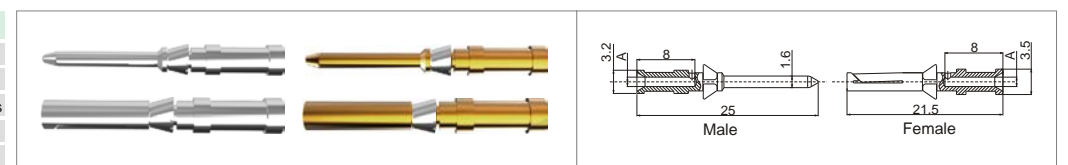
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
	DDD-024-MC	DD-024-FC	0.14-2.5	26-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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

Material: Copper alloy
Contact resistance ≤ 3mΩ
Matching :DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools

<p>冷压钳 Crimping tool</p> <p>压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)</p> <p>型号 Type : TL1-4.0</p>	<p>退针器 Removal tool</p> <p>适用类型 For: 10A冷压针 10A Crimp contacts</p> <p>型号 Type : RT-10A</p>

DDD-042 超高密度插芯 Ultra-high Density Inserts 250V 10A 42+ (±)

外壳尺寸：匹配 10B 外壳，请参考 P88-93 页 Hoods/Housings: Matching 10B Hoods Housing, detail on P87-94

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DDD-042-MC	DD-042-FC	0.14-2.5	26-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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	
Material: Copper alloy	
Contact resistance ≤ 3mΩ	
Matching: DD, DDD, DM, DK, DQ inserts	
Surface: Gold/silver plated	
Terminal: Crimp connection	

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DDD-072 超高密度插芯 Ultra-high Density Inserts 250V 10A 72+ (±)

外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods Housing, detail on P95-100

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DDD-072-MC	DD-072-FC	0.14-2.5	26-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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	
Material: Copper alloy	
Contact resistance ≤ 3mΩ	
Matching: DD, DDD, DM, DK, DQ inserts	
Surface: Gold/silver plated	
Terminal: Crimp connection	

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DDD-108 超高密度插芯 Ultra-high Density Inserts 250V 10A 108+ \oplus

外壳尺寸：匹配24B外壳，请参考P100-105页 Hoods/Housings: Matching 24B Hoods Housing, detail on P101-106

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DDD-108-MC	DD-108-FC	0.14-2.5	26-14	<p>接插体之间的最大距离24mm Distance for contact max.24mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DDD-144 超高密度插芯 Ultra-high Density Inserts 250V 10A 144+ \oplus

外壳尺寸：匹配32B外壳，请参考P106-107页 Hoods/Housings: Matching 32B Hoods Housing, detail on P106-107

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DDD-144-MC	DD-144-FC	0.14-2.5	26-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DDD-216 超高密度插芯 Ultra-high Density Inserts 250V 10A 216+ \pm

外壳尺寸：匹配48B外壳，请参考P108页 Hoods/Housings: Matching 48B Hoods Housing, detail on P108

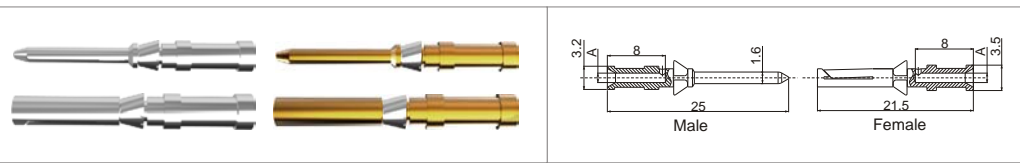
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DDD-216-MC	DD-216-FC	0.14-2.5	26-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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

Material: Copper alloy
Contact resistance $\leq 3m\Omega$
Matching: DD, DDD, DM, DK, DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

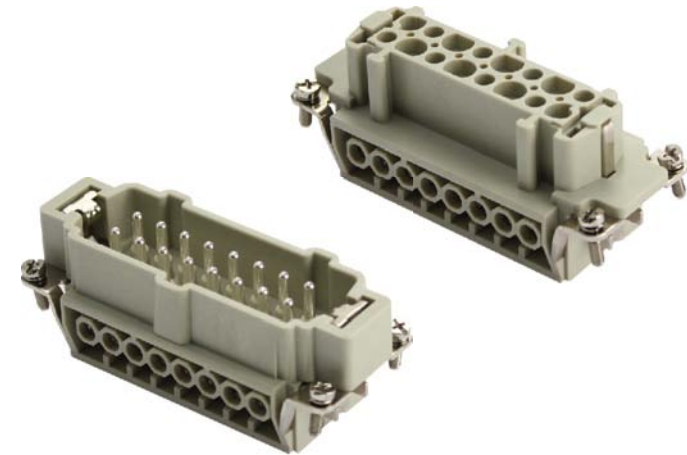
压接线径 Wire gauge: 0.5-4.0mm² (AWG 20-12)
型号 Type: TL1-4.0



退针器 Removal tool

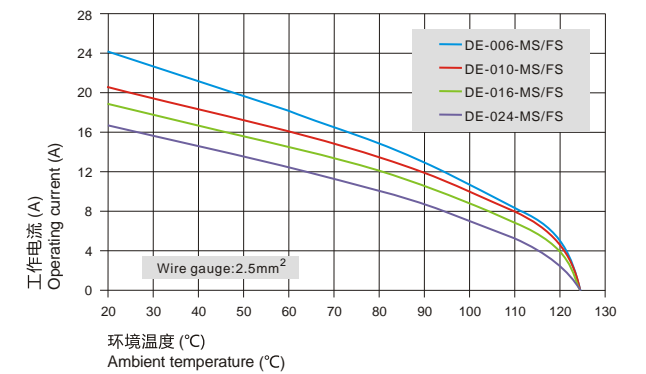
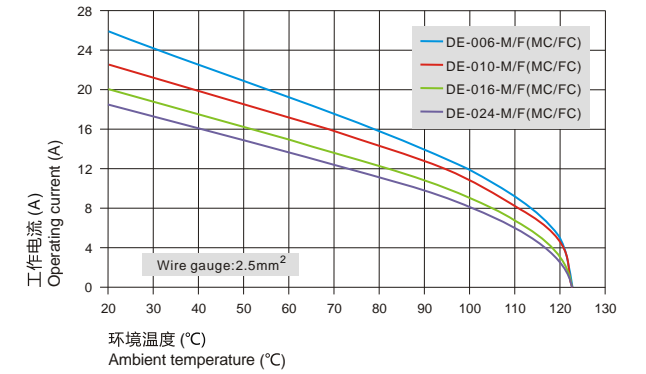
适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type: RT-10A

DE - 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 Hard-gold plated 镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1m \Omega$
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14
• 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.

DE-006 常规型插芯 Standard Inserts 500V 16A 6+⊕

外壳尺寸：匹配6B外壳，请参考P86-87页 Hoods/Housings: Matching 6B Hoods/Housings, detail on P87-88

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>螺丝连接 Screw terminal</p>	DE-006-M	DE-006-F	0.75-2.5	18-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>
<p>冷压连接 Crimp terminal</p>	DE-006-MC	DE-006-FC	0.14-4.0	26-12	<p>接插针排序 Contacts arrangement view for termination side</p>
<p>弹片连接 Cage-clamp</p>	DE-006-MS	DE-006-FS	0.14-2.5	26-14	<p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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	
Material: Copper alloy	
Contact resistance ≤ 1mΩ	
Matching: DA, DE, DEE, DM, DK inserts	
Surface: Gold/silver plated	
Terminal: Crimp connection	

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type : RT-10A

DE-010 常规型插芯 Standard Inserts 500V 16A 10+⊕

外壳尺寸：匹配10B外壳，请参考P88-93页 Hoods/Housings: Matching 10B Hoods/Housings, detail on P89-94

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>螺丝连接 Screw terminal</p>	DE-010-M	DE-010-F	0.75-2.5	18-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>
<p>冷压连接 Crimp terminal</p>	DE-010-MC	DE-010-FC	0.14-4.0	26-12	<p>接插针排序 Contacts arrangement view for termination side</p>
<p>弹片连接 Cage-clamp</p>	DE-010-MS	DE-010-FS	0.14-2.5	26-14	<p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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	
Material: Copper alloy	
Contact resistance ≤ 1mΩ	
Matching: DA, DE, DEE, DM, DK inserts	
Surface: Gold/silver plated	
Terminal: Crimp connection	

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type : RT-10A

DE-016 常规型插芯 Standard Inserts 500V 16A 16+ ⊕

外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods/Housings, detail on P95-100

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>螺丝连接 Screw terminal</p>	DE-016-M	DE-016-F	0.75-2.5	18-14	<p>接插体之间的最大距离 21mm Distance for contact max. 21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>
<p>冷压连接 Crimp terminal</p>	DE-016-MC	DE-016-FC	0.14-4.0	26-12	
<p>弹片连接 Cage-clamp</p>	DE-016-MS	DE-016-FS	0.14-2.5	26-14	

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	
Material: Copper alloy	
Contact resistance ≤ 1mΩ	
Matching: DA, DE, DEE, DM, DK inserts	
Surface: Gold/silver plated	
Terminal: Crimp connection	

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A 冷压针 16A Crimp contacts
型号 Type : RT-10A

DE-024 常规型插芯 Standard Inserts 500V 16A 24+ ⊕

外壳尺寸：匹配 24B 外壳，请参考 P100-105 页 Hoods/Housings: Matching 24B Hoods/Housings, detail on P101-102

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>螺丝连接 Screw terminal</p>	DE-024-M	DE-024-F	0.75-2.5	18-14	<p>接插体之间的最大距离 21mm Distance for contact max. 21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>
<p>冷压连接 Crimp terminal</p>	DE-024-MC	DE-024-FC	0.14-4.0	26-12	
<p>弹片连接 Cage-clamp</p>	DE-024-MS	DE-024-FS	0.14-2.5	26-14	

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	
Material: Copper alloy	
Contact resistance ≤ 1mΩ	
Matching: DA, DE, DEE, DM, DK inserts	
Surface: Gold/silver plated	
Terminal: Crimp connection	

Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5~4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A 冷压针 16A Crimp contacts
型号 Type : RT-10A

DE-032 常规型插芯 Standard Inserts 500V 16A 32+⊕

外壳尺寸：匹配 32B 外壳，请参考 P106-107 页 Hoods/Housings: Matching 32B Hoods Housing, detail on P107-108

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
螺丝连接 Screw terminal 	DE-032-M	DE-032-F	1.0-2.5	18-14	接插体之间的最大距离 21mm Distance for contact max. 21mm
冷压连接 Crimp terminal 	DE-032-MC	DE-032-FC	0.14-4.0	26-12	接插针排序 Contacts arrangement view for termination side
弹片连接 Cage-clamp 	DE-032-MS	DE-032-FS	0.14-2.5	26-14	面孔安装开孔图 Panel cut out for use without Hoods/housings

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

 Material: Copper alloy
 Contact resistance ≤ 1mΩ
 Matching: DA, DE, DEE, DM, DK inserts
 Surface: Gold/silver plated
 Terminal: Crimp connection


Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

 压接线径 Wire gauge: 0.5-4.0mm² (AWG 20-12)
 型号 Type: TL1-4.0


退针器 Removal tool

 适用类型 For: 16A 冷压针 16A Crimp contacts
 型号 Type: RT-10A

DE-048 常规型插芯 Standard Inserts 500V 16A 48+⊕

外壳尺寸：匹配 48B 外壳，请参考 P108 页 Hoods/Housings: Matching 48B Hoods Housing, detail on P109

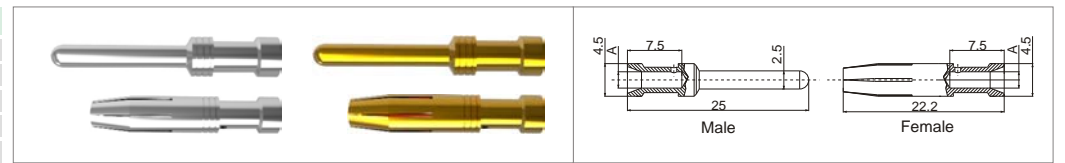
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
螺丝连接 Screw terminal 	DE-048-M	DE-048-F	0.75-2.5	18-14	接插体之间的最大距离 21mm Distance for contact max. 21mm
冷压连接 Crimp terminal 	DE-048-MC	DE-048-FC	0.14-4.0	26-12	接插针排序 Contacts arrangement view for termination side
弹片连接 Cage-clamp 	DE-048-MS	DE-048-FS	0.14-2.5	26-14	面孔安装开孔图 Panel cut out for use without Hoods/housings

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

 Material: Copper alloy
 Contact resistance ≤ 1mΩ
 Matching: DA, DE, DEE, DM, DK inserts
 Surface: Gold/silver plated
 Terminal: Crimp connection


Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

 压接线径 Wire gauge: 0.5-4.0mm² (AWG 20-12)
 型号 Type: TL1-4.0


退针器 Removal tool

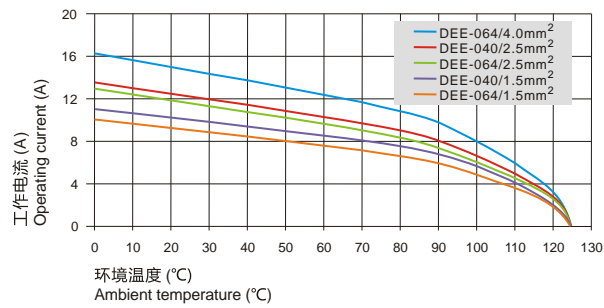
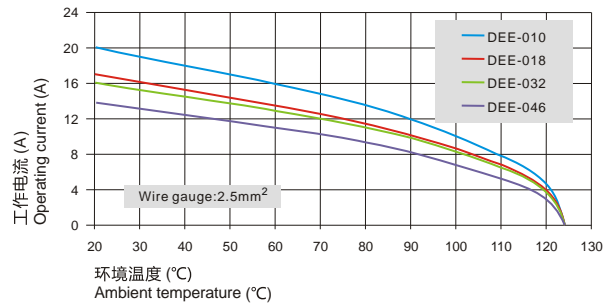
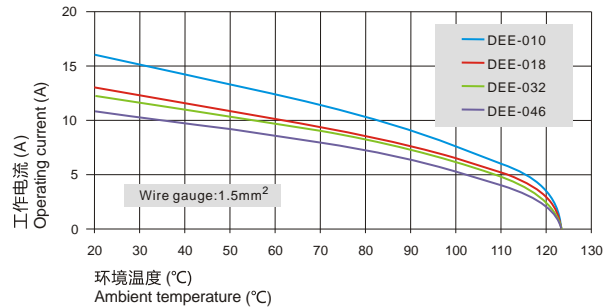
 适用类型 For: 16A 冷压针 16A Crimp contacts
 型号 Type: RT-10A

DEE - 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 Hard-gold plated 镀银 Hard-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.

DEE-010 高密度插芯 High-density Inserts 500V 16A 10+⊕

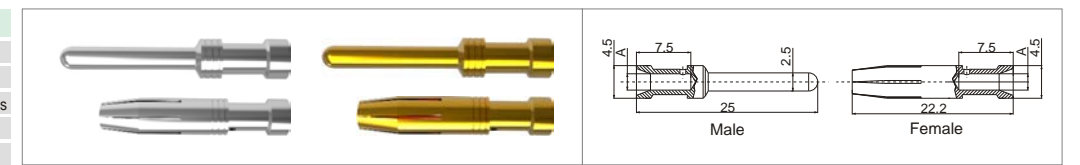
外壳尺寸：匹配6B外壳，请参考P86-87页 Hoods/Housings: Matching 6B Hoods Housing, detail on P87-88

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DEE-010-MC	DEE-010-FC	0.14-4.0	26-12	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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
Material: Copper alloy
Contact resistance ≤ 1mΩ
Matching: DA, DE, DEE, DM, DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools

	冷压钳 Crimping tool
压接线径 Wire gauge : 0.5-4.0mm ² (AWG 20-12)	
型号 Type : TL1-4.0	

	退针器 Removal tool
适用类型 For: 16A冷压针 16A Crimp contacts	
型号 Type : RT-10A	

DEE-018 高密度插芯 High-density Inserts 500V 16A 18+ \pm

外壳尺寸：匹配 10B 外壳，请参考 P88-93 页 Hoods/Housings: Matching 10B Hoods Housing, detail on P89-94

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DEE-018-MC	DEE-018-FC	0.14-4.0	26-12	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type : RT-10A

DEE-032 高密度插芯 High-density Inserts 500V 16A 32+ \pm

外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods Housing, detail on P95-100

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DEE-032-MC	DEE-032-FC	0.14-4.0	26-12	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type : RT-10A

DEE-046 高密度插芯 High-density Inserts 500V 16A 46+⊥

外壳尺寸：匹配 24B 外壳，请参考 P100-105 页 Hoods/Housings: Matching 24B Hoods Housing, detail on P101-106

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DEE-046-MC	DEE-046-FC	0.14-4.0	26-12	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type : RT-10A

DEE-064 高密度插芯 High-density Inserts 500V 16A 64+⊥

外壳尺寸：匹配 32B 外壳，请参考 P106-107 页 Hoods/Housings: Matching 32B Hoods Housing, detail on P107-108

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DEE-064-MC	DEE-064-FC	0.14-4.0	26-12	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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:



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type : RT-10A

DEE-092 高密度插芯 High-density Inserts 500V 16A 92+⊥

外壳尺寸：匹配48B外壳，请参考P108页 Hoods/Housings: Matching 48B Hoods Housing, detail on P109

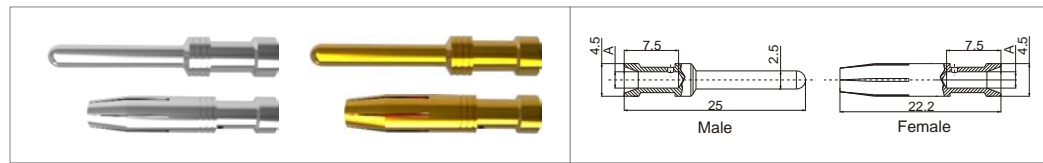
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DEE-092-MC	DEE-092-FC	0.14-4.0	26-12	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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

Material: Copper alloy
Contact resistance ≤ 1mΩ
Matching: DA, DE, DEE, DM, DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge: 0.5-4.0mm² (AWG 20-12)
型号 Type: TL1-4.0



退针器 Removal tool

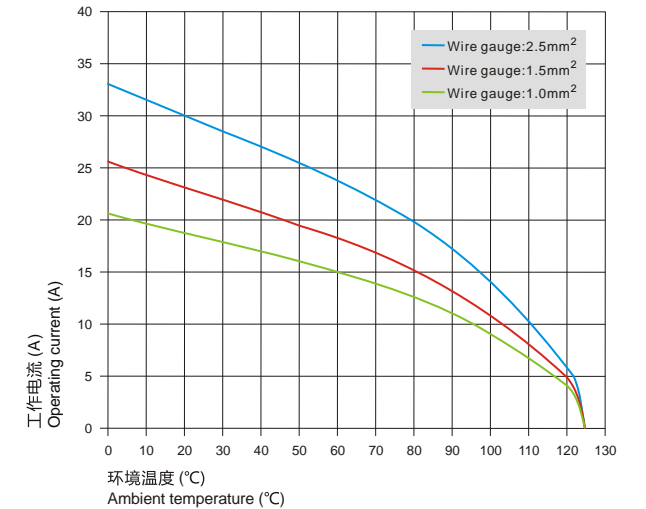
适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type: RT-10A

DQ - 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 Hard-gold plated 镀银 Hard-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.

DQ-005 紧凑小体积型插芯 Compact Series 230V/400V 16A 5+⊕

外壳尺寸：匹配3A外壳，请参考P81-82页 Hoods/Housings: Matching 3A Hoods Housing, detail on P81-82

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DQ-005-MC	DQ-005-FC	0.14-2.5	26-14	<p>尺寸图及孔位图 Dimension and hole site</p>

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

Material: Copper alloy
Contact resistance ≤ 1mΩ
Matching: DA, DE, DEE, DM, DK inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
16A-SM-0.37	16A-SF-0.37	16A-GM-0.37	16A-GF-0.37	0.9	0.14-0.37	26-22	7.5mm
16A-SM-0.5	16A-SF-0.5	16A-GM-0.5	16A-GF-0.5	1.1	0.50	20	7.5mm
16A-SM-0.75	16A-SF-0.75	16A-GM-0.75	16A-GF-0.75	1.3	0.75	18	7.5mm
16A-SM-1.0	16A-SF-1.0	16A-GM-1.0	16A-GF-1.0	1.45	1.00	18	7.5mm
16A-SM-1.5	16A-SF-1.5	16A-GM-1.5	16A-GF-1.5	1.75	1.50	16	7.5mm
16A-SM-2.5	16A-SF-2.5	16A-GM-2.5	16A-GF-2.5	2.25	2.50	14	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	2.85	4.00	12	7.5mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge: 0.5-4.0mm² (AWG 20-12)
型号 Type: TL1-4.0



退针器 Removal tool

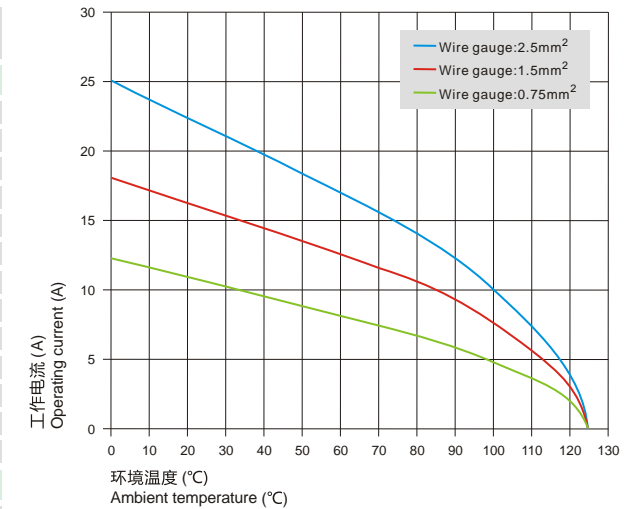
适用类型 For: 16A冷压针 16A Crimp contacts
型号 Type: RT-10A

DQ - 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	≥ 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 Hard-gold plated 镀银 Hard-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
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.

DQ-007 紧凑小体积型插芯 Compact Series 400V 10A 7+⊕

外壳尺寸：匹配3A外壳，请参考P81-82页 Hoods/Housings: Matching 3A Hoods Housing, detail on P81-82

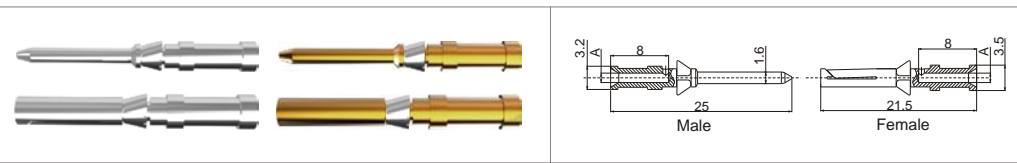
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DQ-007-MC	DQ-007-FC	0.14-2.5	26-14	<p>尺寸图及孔位图 Dimension and hole site</p>

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

Material: Copper alloy
Contact resistance ≤ 3mΩ
Matching: DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

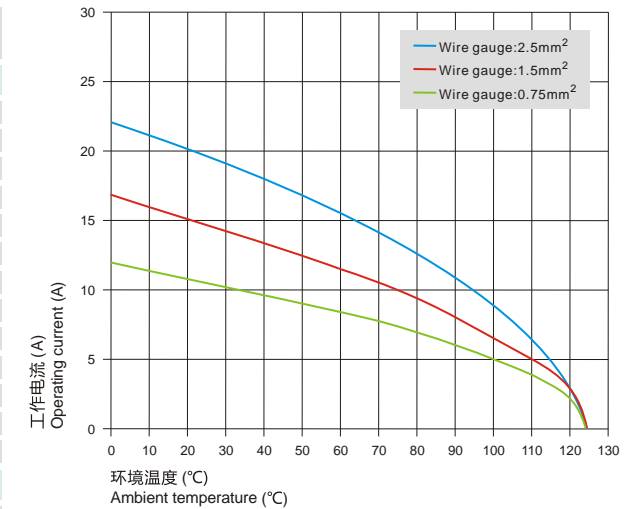
适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DQ - 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	≥ 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 Hard-gold plated 镀银 Hard-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
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.

DQ-012 紧凑小体积型插芯 Compact Series 400V 10A 12+⊥

外壳尺寸：匹配3A外壳，请参考P81-82页 Hoods/Housings: Matching 3A Hoods Housing, detail on P81-82

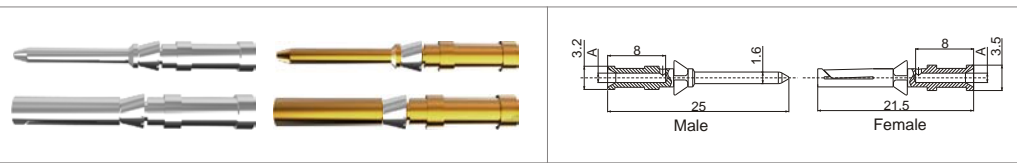
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DQ-012-MC	DQ-012-FC	0.14-2.5	26-14	<p>尺寸图及孔位图 Dimension and hole site</p>

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

Material: Copper alloy
Contact resistance ≤ 3mΩ
Matching: DD,DDD,DM,DK,DQ inserts
Surface: Gold/silver plated
Terminal: Crimp connection



Contacts, silver-plated		Contacts, gold plated		(A)	Wire gauge		Recommended stripping length
Male Contacts	Female Contacts	Male Contacts	Female Contacts		(mm ²)	(AWG)	
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	0.14-0.37	26-22	8mm
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	0.50	20	8mm
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	0.75	18	8mm
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	1.00	18	8mm
10A-SM-1.5	10A-SF-1.5	10A-GM-1.5	10A-GF-1.5	1.75	1.50	16	8mm
10A-SM-2.5	10A-SF-2.5	10A-GM-2.5	10A-GF-2.5	2.25	2.50	14	6mm

工具 Tools



冷压钳 Crimping tool

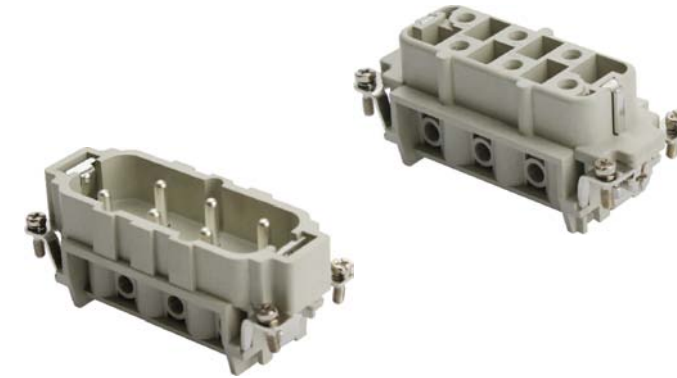
压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
型号 Type : TL1-4.0



退针器 Removal tool

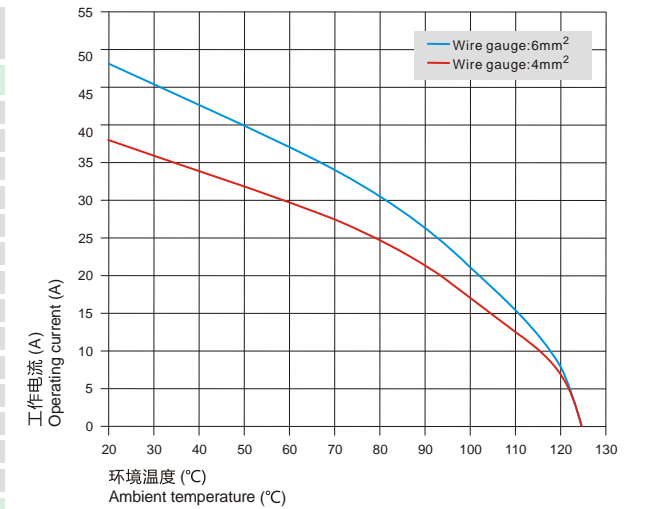
适用类型 For: 10A冷压针 10A Crimp contacts
型号 Type : RT-10A

DSB · 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	6,12+PE
• 额定电流 Rated current	35A
• 相对地额定电压 Rated voltage conductor-ground	400V
• 相间额定电压 Rated voltage conductor-conductor	690V
• 额定脉冲电压 Rated impulse voltage	6KV
• 污染程度 Pollution degree	3
• 或 or	35A 500V 6KV 3
依据UL/CSA额定电压 Rated voltage 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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 1m Ω
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	1.5-6mm ²
• AWG	10
• 拧紧力矩 Tightening torque	1.2Nm




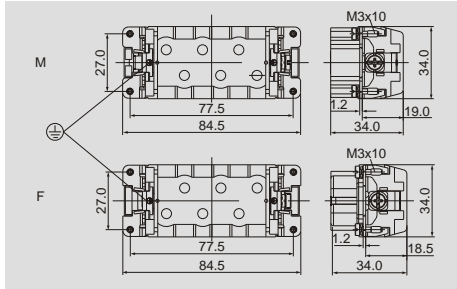
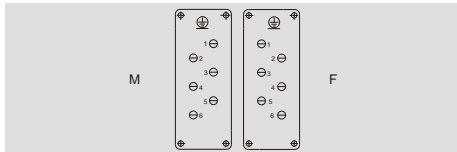
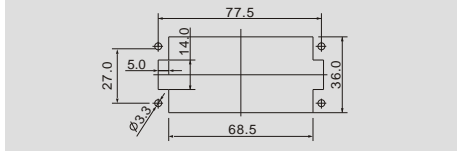
电流负载能力 Current carrying capacity

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.


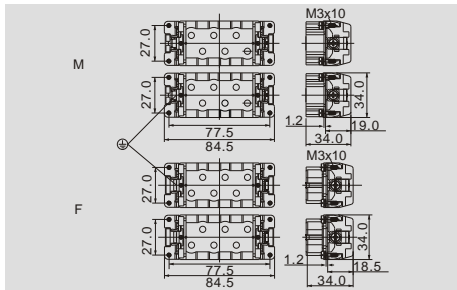
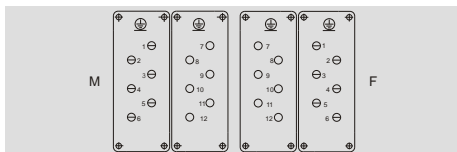
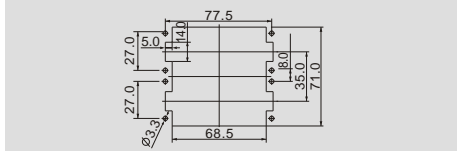
DSB-006 大电流型插芯 Heavy-current Inserts 400V/690V 35A 6+⊕

外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods Housing, detail on P95-100

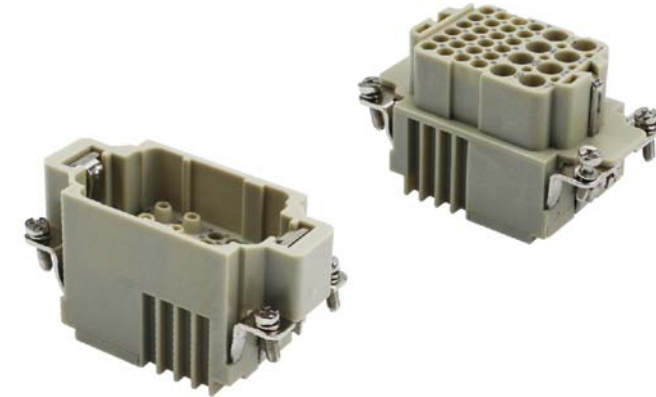
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
 <p>螺丝连接 Screw terminal</p>	DSB-006-M	DSB-006-F	1.5-6.0	16-10	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 

DSB-012 大电流型插芯 Heavy-current Inserts 400V/690V 35A 12+⊕

外壳尺寸：匹配 32B 外壳，请参考 P106-107 页 Hoods/Housings: Matching 32B Hoods Housing, detail on P106-107

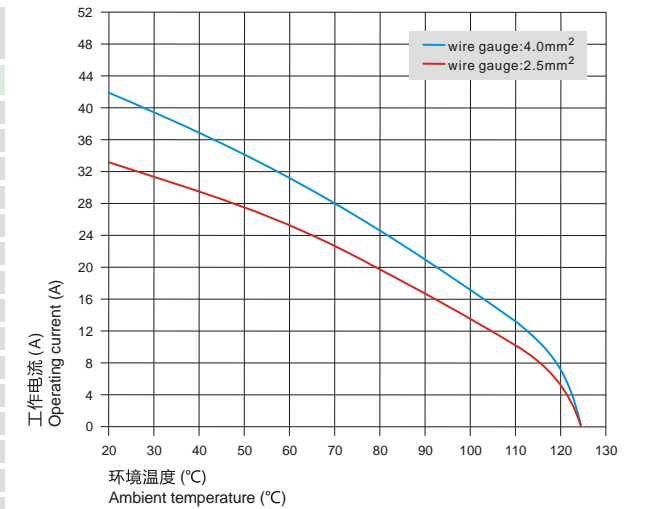
 <p>冷压连接 Crimp terminal</p>	DSB-012-M	DSB-012-F	1.5-6.0	16-10	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 
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DK Series



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	8/24+PE
电力区 Power 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
• 污染等级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	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 UL CSA	600/300V
绝缘电阻 Insulation resistance	≥ 10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °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	
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	≤ 1m Ω
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.5-4mm ²
• 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	≤ 3m Ω
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	0.14-2.5mm ²
• AWG	26-14




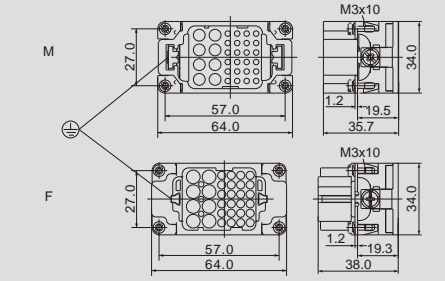
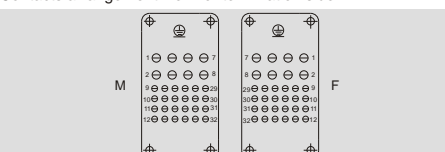
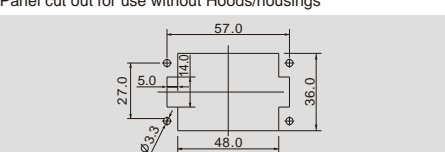
电流负载能力 Current carrying capacity

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.

DK-8/24 组合型插芯 Combination Inserts 400V/250V 16A/10A 8/24+ ⊕

外壳尺寸：匹配 10B 外壳，请参考 P88-93 页 Hoods/Housings: Matching 6B Hoods Housing, detail on P87-88

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸 Drawing
			mm ²	AWG	
 <p>冷压连接 Crimp terminal</p>	DK-8/24-MC	DK-8/24-FC	0.5-4.0mm ² 0.14-2.5mm ²	(20-12) 26-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 

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:

Contacts, silver-plated		Contacts, gold plated		(A)		Wire gauge				Recommended stripping length	
Male Contacts	Female Contacts	Male Contacts	Female Contacts	10A	16A	10A(mm ²)	16A(mm ²)	10A(AWG)	16A(AWG)	10A	16A
10A/16A-SM-0.37	10A/16A-SF-0.37	10A/16A-GM-0.37	10A/16A-GF-0.37	0.9	0.9	0.14-0.37	0.14-0.37	26-22	26-22	8mm	7.5mm
10A/16A-SM-0.5	10A/16A-SF-0.5	10A/16A-GM-0.5	10A/16A-GF-0.5	1.1	1.1	0.50	0.50	20	20	8mm	7.5mm
10A/16A-SM-0.75	10A/16A-SF-0.75	10A/16A-GM-0.75	10A/16A-GF-0.75	1.3	1.3	0.75	0.75	18	18	8mm	7.5mm
10A/16A-SM-1.0	10A/16A-SF-1.0	10A/16A-GM-1.0	10A/16A-GF-1.0	1.45	1.45	1.00	1.00	18	18	8mm	7.5mm
10A/16A-SM-1.5	10A/16A-SF-1.5	10A/16A-GM-1.5	10A/16A-GF-1.5	1.75	1.75	1.50	1.50	16	16	8mm	7.5mm
10A/16A-SM-2.5	10A/16A-SF-2.5	10A/16A-GM-2.5	10A/16A-GF-2.5	2.25	2.25	2.50	2.50	14	14	6mm	7.5mm
16A-SM-4.0	16A-SF-4.0	16A-GM-4.0	16A-GF-4.0	--	2.85	--	4.00	--	12	--	7.5mm

工具 Tools



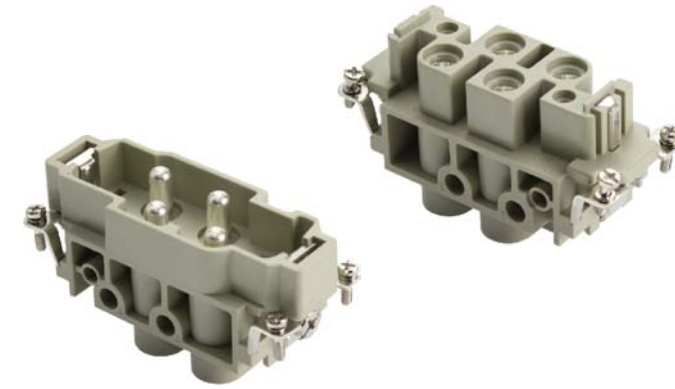
冷压钳 Crimping tool

 压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
 型号 Type : TL1-4.0


退针器 Removal tool

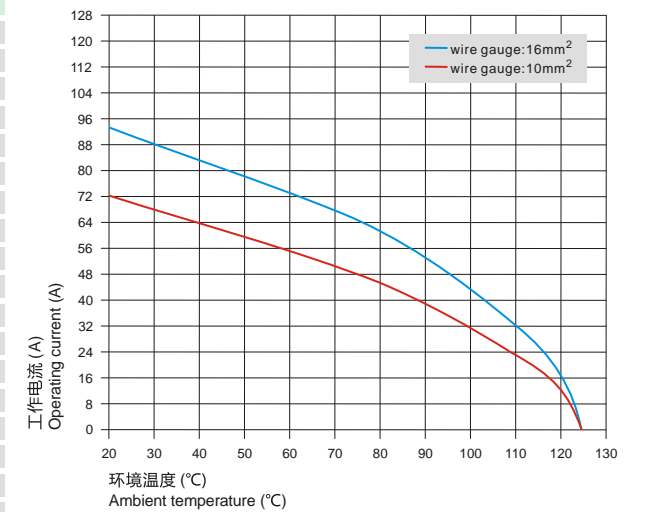
 适用类型 For: 10A冷压针 10A Crimp contacts
 型号 Type : RT-10A

DK 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	4/0+PE, 4/2+PE
电力区 Power area	<ul style="list-style-type: none"> 额定电流 Rated current 80A 额定电压 Rated voltage 690V 额定脉冲电压 Rated impulse voltage 8KV 污染程度 Pollution degree 3 污染等级2时的参数 Pollution degree 2 also 80A 1000V 8KV 2
信号区 Signal area	<ul style="list-style-type: none"> 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 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	600/300V
绝缘电阻 Insulation resistance	≥ 10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °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	
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	≤ 0.3m Ω
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	1.5-16mm ²
• AWG	16-6
• 拧紧力矩 Tightening torque	
• mm ²	1.5 2.5 4 6 10 16
• 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	≤ 1m Ω
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	0.5-2.5mm ²
• AWG	20-14
• 拧紧力矩 Tightening torque	0.5Nm
• 剥线长度 Stripping length	7.5mm




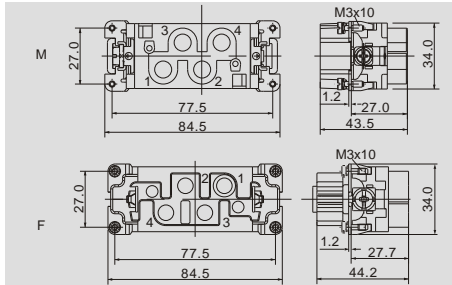
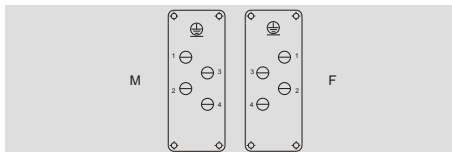
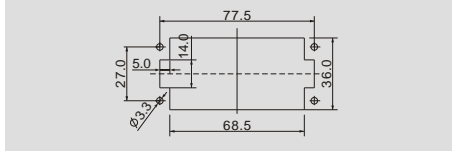
电流负载能力 Current carrying capacity

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


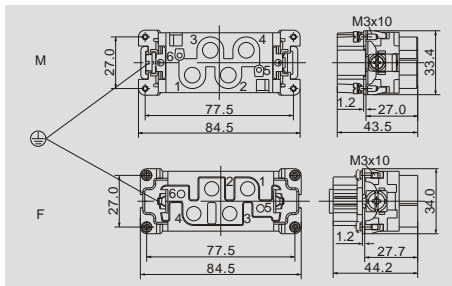
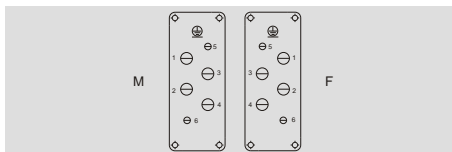
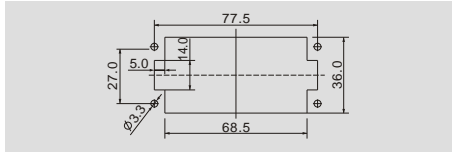
DK-4/0 组合型插芯 Combination Inserts 690V 80A 4/0+

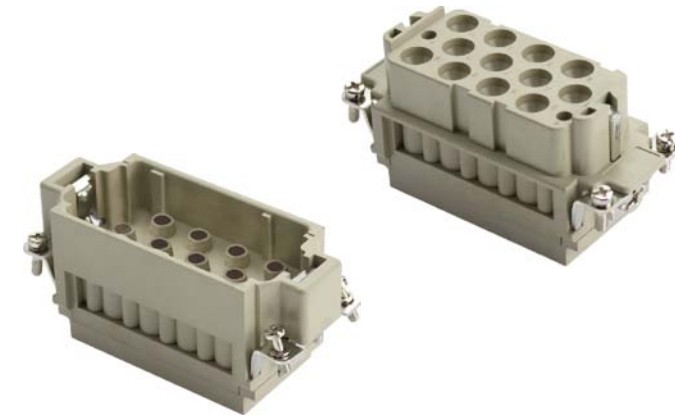
外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods Housing, detail on P95-100

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸
			mm ²	AWG	
 <p>螺丝连接 Screw terminal</p>	DK-4/0-M	DK-4/0-F	1.5-16mm ²	16-6	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 

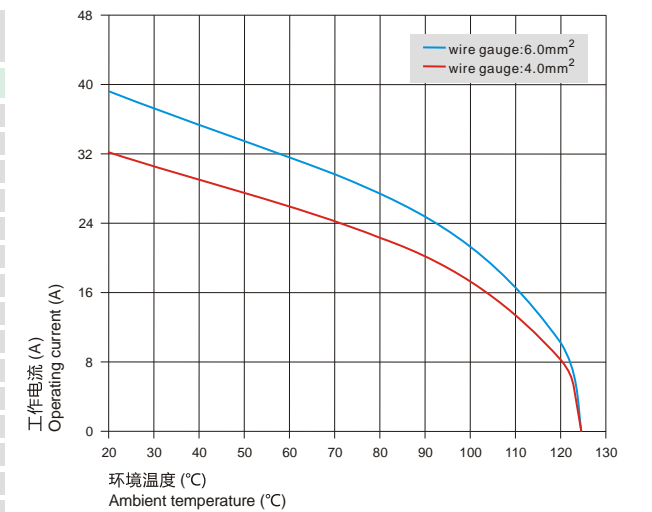
DK-4/2 组合型插芯 Combination Inserts 690V/400V 80A/16A 4/2+

外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods Housing, detail on P94-99

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸
			mm ²	AWG	
 <p>螺丝连接 Screw terminal</p>	DK-4/2-M	DK-4/2-F	(1.5-16mm ²) 1.0-25mm ²	(16-6) 18-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 

DK 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	12/2+PE
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 UL CSA	600/300V
绝缘电阻 Insulation resistance	≥ 10 ¹⁰ Ω
材料 Material	聚碳酸酯 Polycarbonate
工作温度范围 Limiting temperatures	-40 °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	
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	≤ 0.3m Ω
冷压连接 Crimp terminal	
• 导线规格 Wire gauge	1.5-6mm ²
• AWG	16-10
• 最大绝缘直径 Max.insulation diameter	
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	≤ 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.

DK-12/2 组合型插芯 Combination Inserts 690V/250V 40A/10A 12/2+⊕

外壳尺寸：匹配 16B 外壳，请参考 P94-99 页 Hoods/Housings: Matching 16B Hoods Housing, detail on P95-100

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸
			mm ²	AWG	
<p>冷压连接 Crimp terminal</p>	DK-12/2-MC	DK-12/2-FC	(1.5-6.0mm ²) 0.14-2.5mm ²	(16-10) 26-14	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p> <p>接插针排序 Contacts arrangement view for termination side</p> <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p>

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/40A) Crimp contacts		(10A)		(40A)	
Material: Copper alloy					
Contact resistance ≤ 3m Ω					
Matching: DD, DDD, DM, DK, DQ inserts					
Surface: Gold/silver plated					
Terminal: Crimp connection					

Contacts, silver-plated		Contacts, gold plated		(A)		Wire gauge		Recommended stripping length			
Male Contacts	Female Contacts	Male Contacts	Female Contacts	10A	40A	10A(mm ²)	40A(mm ²)	10A(AWG)	40A(AWG)	10A	40A
10A-SM-0.37	10A-SF-0.37	10A-GM-0.37	10A-GF-0.37	0.9	--	0.14-0.37	--	26-22	--	8mm	--
10A-SM-0.5	10A-SF-0.5	10A-GM-0.5	10A-GF-0.5	1.1	--	0.50	--	20	--	8mm	--
10A-SM-0.75	10A-SF-0.75	10A-GM-0.75	10A-GF-0.75	1.3	--	0.75	--	18	--	8mm	--
10A-SM-1.0	10A-SF-1.0	10A-GM-1.0	10A-GF-1.0	1.45	--	1.00	--	18	--	8mm	--
10A/40A-SM-1.5	10A/40A-SF-1.5	10A/40A-GM-1.5	10A/40A-GF-1.5	1.75	1.75	1.50	1.50	16	16	8mm	9.0mm
10A/40A-SM-2.5	10A/40A-SF-2.5	10A/40A-GM-2.5	10A/40A-GF-2.5	2.25	2.25	2.50	2.50	14	14	6mm	9.0mm
40A-SM-4.0	40A-SF-4.0	40A-GM-4.0	40A-GF-4.0	--	2.85	--	4.0	--	12	--	9.5mm
40A-SM-6.0	40A-SF-6.0	40A-GM-6.0	40A-GF-6.0	--	3.50	--	6.0	--	10	--	9.5mm

工具 Tools



冷压钳 Crimping tool

 压接线径 Wire gauge : 0.5-4.0mm² (AWG 20-12)
 型号 Type : TL1-4.0


退针器 Removal tool

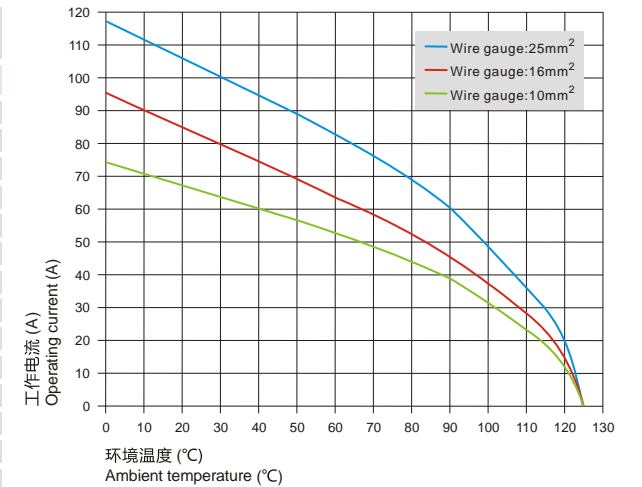
 适用类型 For: 10A冷压针 10A Crimp contacts
 型号 Type : RT-10A

DK · 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	8/0+PE
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
• 污染等级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 UL CSA	600V
依据UL/CSA额定电流 Rated Current acc.to UL CSA	82A
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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 0.5m Ω
轴向螺钉连接 Axial screw terminal	
• 导线规格 Wire gauge	10-25mm ²
• AWG	7-3
• 最大绝缘直径 Max.insulation diameter	11.4mm
• 拧紧力矩 Tightening torque	
• mm ²	10 16 25
• N.m	6 6 7
• 剥线长度 Stripping length	13 ± 1mm




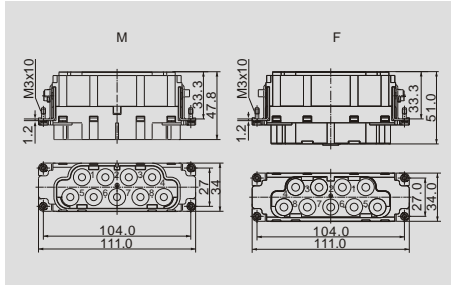
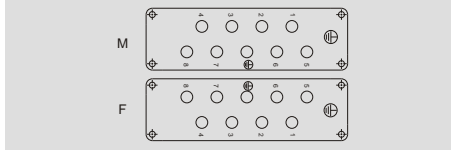
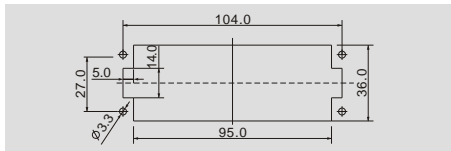
电流负载能力 Current carrying capacity

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.

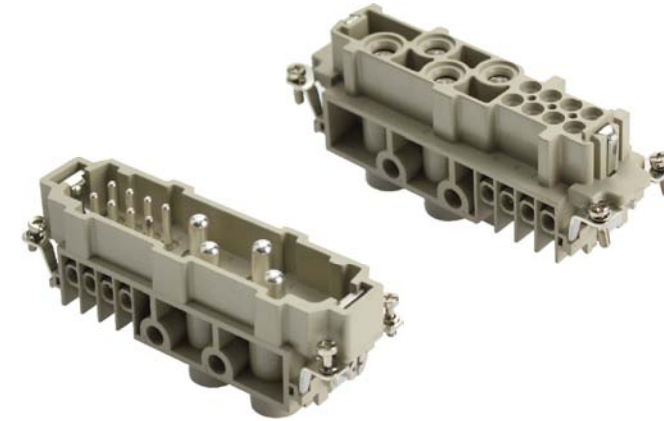
测试和控制过程依据DIN EN 60512-5, Measuring and testing techniques according to DIN EN 60512-5.

DK-8/0 组合型插芯 Combination Inserts 690V 100A 8/0+

外壳尺寸：匹配24B外壳，请参考P100-105页 Hoods/Housings: Matching 24B Hoods Housing, detail on P101-106

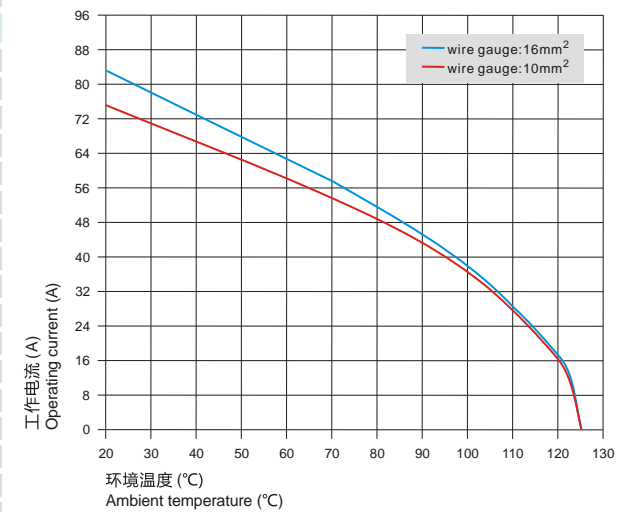
插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸
			mm ²	AWG	
 <p>轴向螺钉连接 Axial screw terminal</p>	DK-8/0-M	DK-8/0-F	16-35mm ²	6-2	<p>接插体之间的最大距离21mm Distance for contact max.21mm</p>  <p>接插针排序 Contacts arrangement view for termination side</p>  <p>面孔安装开孔图 Panel cut out for use without Hoods/housings</p> 

DK · 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	4/8+PE
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
• 污染等级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 UL CSA	600/600V
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	
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	≤ 0.3m Ω
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	1.5-16mm ²
• AWG	16-6
• 拧紧力矩 Tightening torque	
• mm ²	1.5 2.5 4 6 10 16
• 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	≤ 1m Ω
螺钉连接 Screw terminal	
• 导线规格 Wire gauge	1.0-2.5mm ²
• AWG	18-14
• 拧紧力矩 Tightening torque	0.5Nm
• 剥线长度 Stripping length	7.5mm




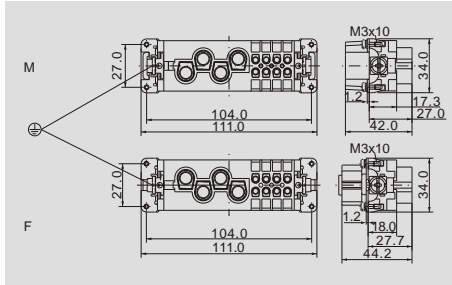
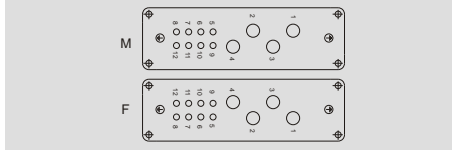
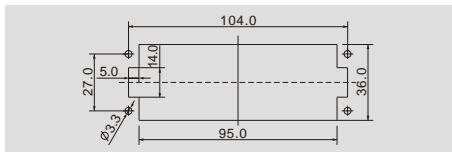
电流负载能力 Current carrying capacity

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

DK-4/8 组合型插芯 Combination Inserts 400V/400V 80A/16A 4/8+⊕

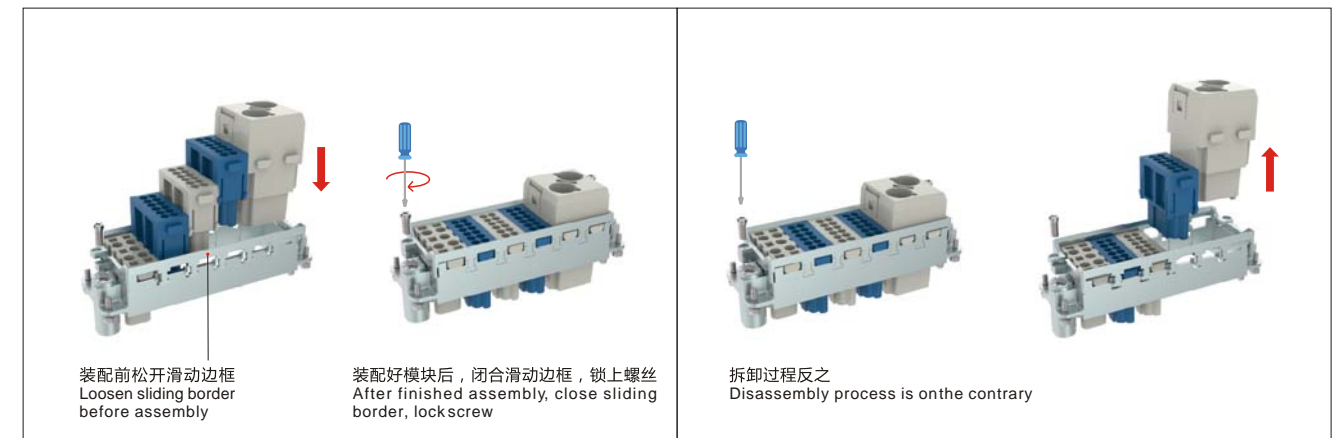
外壳尺寸：匹配24B外壳，请参考P100-105页 Hoods/Housings: Matching 24B Hoods Housing, detail on P101-106

插芯 Inserts	公 Male	母 Female	线规 Wire gauge		图纸
			mm ²	AWG	
冷压连接 Crimp terminal 	DK-4/8-M	DK-4/8-F	(1.5-16mm ²) 0.75-2.5mm ²	(16-6) 18-14	接插体之间的最大距离21mm Distance for contact max.21mm  接插针排序 Contacts arrangement view for termination side  面孔安装开孔图 Panel cut out for use without Hoods/housings 


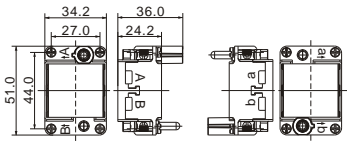

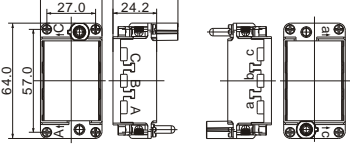

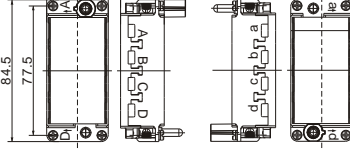

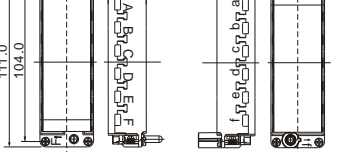
DF 模块框架 Hinged Frames

装配示意图 Assembly instruction

拆卸示意图 Disassembly instruction



框架类型 Frame Version

6B活动框架 适用于所有6B外壳 6B frame, size 6B hoods/housings				规格尺寸 Dimension
	型号 Type	标示 Marking	描述 Description	
	DF6B-UA DF6B-LA	A-B a-b	For 2 modules For 2 modules	
	型号 Type	标示 Marking	描述 Description	
	DF10B-UA DF10B-LA	A-C a-c	For 3 modules For 3 modules	
	型号 Type	标示 Marking	描述 Description	
	DF16B-UA DF16B-LA	A-D a-d	For 4 modules For 4 modules	
	型号 Type	标示 Marking	描述 Description	
	DF24B-UA DF24B-LA	A-F a-f	For 6 modules For 6 modules	

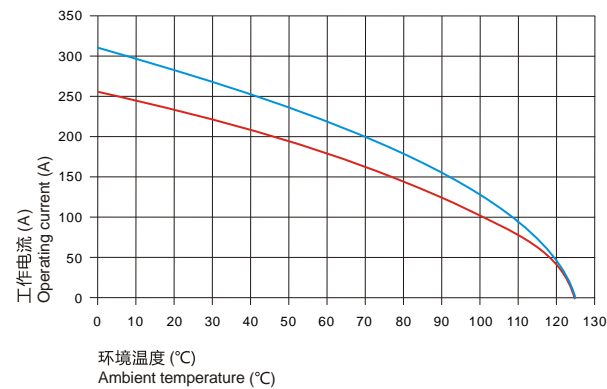
D2MK-001 轴向压接型模块 Axial Module 1000V 200A


 D2MK-001-M(25-40mm²)
D2MK-001-M(40-70mm²)

 D2MK-001-F(25-40mm²)
D2MK-001-F(40-70mm²)

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	1
• 额定电流 Rated current	200A
• 额定电压 Rated voltage	1000V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc.to UL	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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 0.2m Ω
电缆绞线依据IEC 60 228-5 To IEC 60 228 Class 5	
轴向螺栓连接 Axial screw terminal	
• mm ²	25-70mm ²
• AWG	2-0
• 内六角扳手 Hexagonal Driver	SW5
• 剥线长度 Stripping length	16mm
• 拧紧力矩 Tightening torque	
• mm ²	25 35 50 70
• Nm	8 8 9 10



— 24B外壳带3个模块，导线截面:70mm²
— 24B外壳带3个模块，导线截面:50mm²
— 24 B hoods/housings with 3 modules, wire gauge:70mm²
— 24 B hoods/housings with 3 modules, wire gauge:50mm²

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.

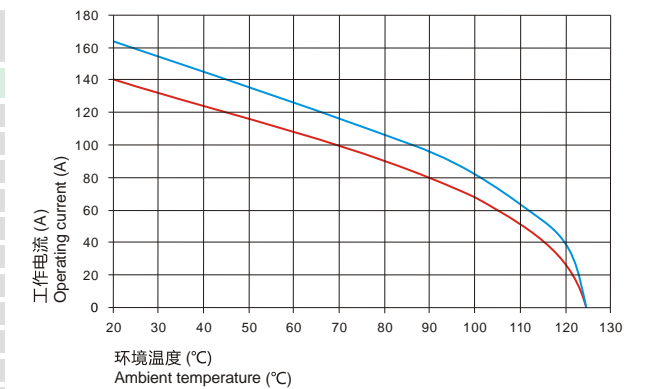
D2MK-002 轴向压接型模块 Axial Module 1000V 100A


 D2MK-002-M(10-25mm²)
D2MK-002-M(16-35mm²)

 D2MK-002-F(10-25mm²)
D2MK-002-F(16-35mm²)

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	2
• 额定电流 Rated current	100A
• 额定电压 Rated voltage	1000V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc.to UL	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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 0.3m Ω
电缆绞线依据IEC 60 228-5 To IEC 60 228 Class 5	
轴向螺栓连接 Axial screw terminal	
• mm ²	10-35mm ²
• AWG	6-2
• 内六角扳手 Hexagonal Driver	SW4
• 剥线长度 Stripping length	13mm
• 拧紧力矩 Tightening torque	
• mm ²	10 16 25 35
• Nm	6 6 7 8



— 24B外壳带3个模块，导线截面:25mm²
— 24B外壳带3个模块，导线截面:35mm²
— 24 B hoods/housings with 3 modules, wire gauge:25mm²
— 24 B hoods/housings with 3 modules, wire gauge:35mm²

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.

D2MK-002 冷压型模块 Crimp Module 1000V 100A



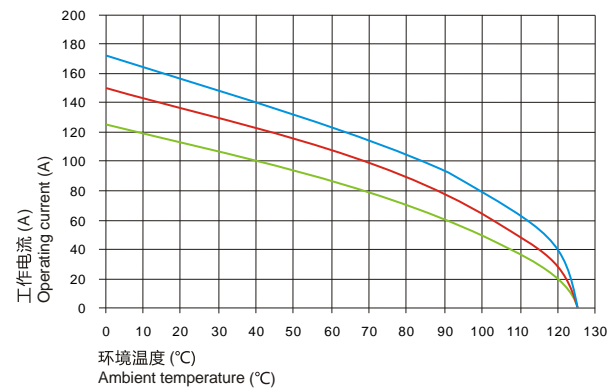
D2MK-002-MC



D2MK-002-FC

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	2
• 额定电流 Rated current	100A
• 额定电压 Rated voltage	1000V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
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	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 0.3m \Omega$
冷压连接 Crimp terminal	
• mm ²	10-35mm ²
• 最大电缆直径 Max.insulation diameter	14mm



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.

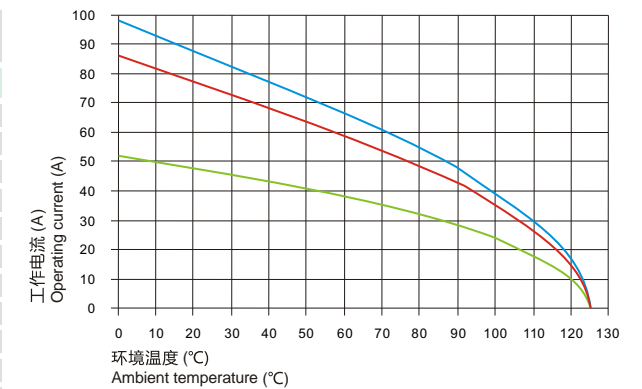
DMK70-002 轴向压接型模块 Axial Module 1000V 70A


 DMK70-002-M(6-16mm²)
DMK70-002-M(14-22mm²)

 DMK70-002-F(6-16mm²)
DMK70-002-F(14-22mm²)

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	2
• 额定电流 Rated current	70A
• 额定电压 Rated voltage	1000V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc.to UL	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	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 0.5m \Omega$
电缆绞线依据IEC 60 228-5 To IEC 60 228 Class 5	
轴向螺栓连接 Axial screw terminal	
• mm ²	6-22mm ²
• AWG	8-4
• 内六角扳手 Hexagonal Driver	SW2.5
• 剥线长度 Stripping length	
• mm ²	6 10 16 22
• mm ²	11 ^{*1} 11 ^{*1} 11 ^{*1} 12.5 ^{*1}
• 拧紧力矩 Tightening torque	
• mm ²	6 10 16 22
• Nm	2 3 4 5



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.

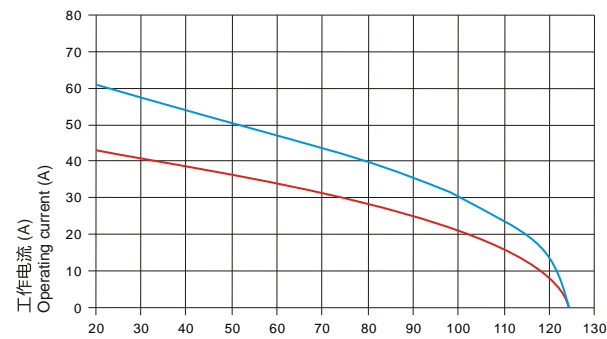
DMK-002 轴向压接型模块 Axial Module 1000V 40A


 DMK-002-M(2.5-8mm²)
DMK-002-M(6-10mm²)

 DMK-002-F(2.5-8mm²)
DMK-002-F(6-10mm²)

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	2
• 额定电流 Rated current	40A
• 额定电压 Rated voltage	1000V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc.to UL	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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 0.5m Ω
电缆绞线依据IEC 60 228-5 To IEC 60 228 Class 5	
轴向螺栓连接 Axial screw terminal	
• mm ²	2.5-10mm ²
• AWG	14-8
• 内六角扳手 Hexagonal Driver	SW2
• 剥线长度 Stripping length	
• mm ²	2.5 4 6 10
• mm ²	5 ⁺¹ 5 ⁺¹ 8 ⁺¹ 11 ⁺¹
• 拧紧力矩 Tightening torque	
• mm ²	2.5 4 6 10
• Nm	1.5 1.5 2 2


 环境温度 (°C)
Ambient temperature (°C)

— 24B外壳带6个模块, 导线截面:10mm²
— 24B外壳带6个模块, 导线截面:6mm²
— 24 B hoods/housings with 6 modules, wire gauge:10mm²
— 24 B hoods/housings with 6 modules, wire gauge:6mm²

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.

DMK-002 冷压型模块 Crimp Module 1000V 40A



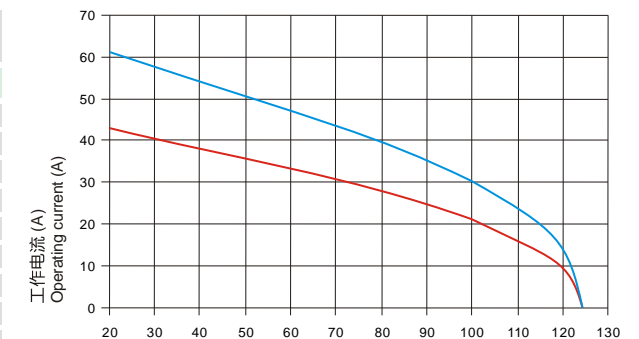
DMK-002-MC



DMK-002-FC

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	2
• 额定电流 Rated current	40A
• 额定电压 Rated voltage	1000V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 0.3m Ω
冷压连接 Crimp terminal	
• mm ²	1.5-10mm ²
• AWG	16-8


 环境温度 (°C)
Ambient temperature (°C)

— 24B外壳带6个模块, 导线截面:10mm²
— 24B外壳带6个模块, 导线截面:6mm²
— 24 B hoods/housings with 6 modules, wire gauge:10mm²
— 24 B hoods/housings with 6 modules, wire gauge:6mm²

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.

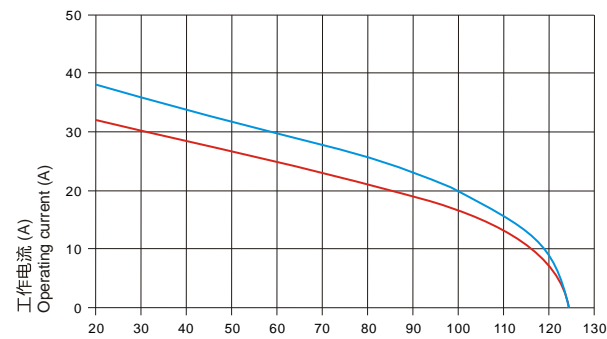
DMK-003 轴向压接型模块 Axial Module 690V 40A


 DMK-003-M(2.5-8mm²)
DMK-003-M(6-10mm²)

 DMK-003-F(2.5-8mm²)
DMK-003-F(6-10mm²)

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	3
• 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
依据UL额定电压 Rated voltage acc.to UL	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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 0.3m Ω
电缆绞线依据IEC 60 228-5 To IEC 60 228 Class 5	
轴向螺栓连接 Axial screw terminal	
• mm ²	2.5-10mm ²
• AWG	14-8
• 内六角扳手 Hexagonal Driver	SW2
• 剥线长度 Stripping length	
• mm ²	2.5 4 6 10
• mm ²	5 ⁺¹ 5 ⁺¹ 8 ⁺¹ 11 ⁺¹
• 拧紧力矩 Tightening torque	
• mm ²	2.5 4 6 10
• Nm	1.5 1.5 2 2


 环境温度 (°C)
Ambient temperature (°C)

— 24B外壳带6个模块, 导线截面:6mm²
— 24B外壳带6个模块, 导线截面:4mm²
— 24 B hoods/housings with 6 modules, wire gauge:6mm²
— 24 B hoods/housings with 6 modules, wire gauge:4mm²

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.

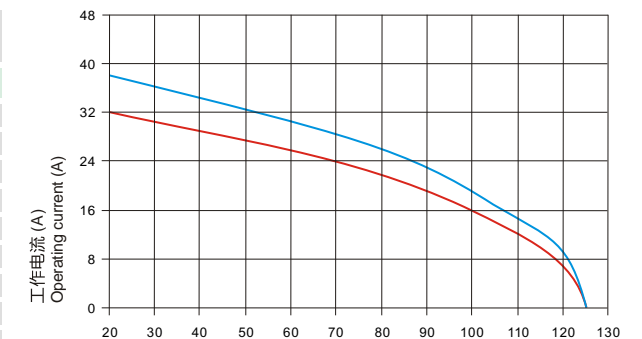
DMK-003 冷压型模块 Crimp Module 500V 40A


 DMK-003-MC(2.5-8mm²)
DMK-003-MC(6-10mm²)

 DMK-003-FC(2.5-8mm²)
DMK-003-FC(6-10mm²)

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	3
• 额定电流 Rated current	40A
• 额定电压 Rated voltage	500V
• 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 UL CSA	600V
依据UL/CSA额定电流 Rated current acc. to UL CSA	32A
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	镀银 Hard-silver plated
接触电阻 Contact resistance	≤ 0.3m Ω
冷压连接 Crimp terminal	
• mm ²	1.5-10mm ²
• AWG	16-8


 环境温度 (°C)
Ambient temperature (°C)

— 24B外壳带6个模块, 导线截面:6mm²
— 24B外壳带6个模块, 导线截面:4mm²
— 24 B hoods/housings with 6 modules, wire gauge:6mm²
— 24 B hoods/housings with 6 modules, wire gauge:4mm²

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.

DMK-003/4 冷压型模块 Crimp Module 830/830V 40/10A



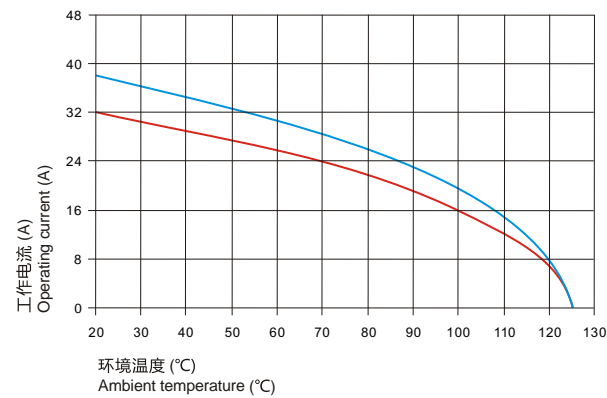
DMK-003/4-MC



DMK-003/4-FC

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	3/4
电力区 Power Area	
• 额定电流 Rated current	40A
• 额定电压 Rated voltage	830V
• 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	830V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc.to UL	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	镀银 Hard-silver plated 镀金 Hard-gold plated
接触电阻 Contact resistance	
• 电力区 Power Contacts	$\leq 0.3m \Omega$
• 信号区 Signal Contacts	$\leq 3m \Omega$
冷压连接 Crimp termina	
• mm ²	
• 电力区 Power Contacts	1.5-6mm ²
• 信号区 Signal Contacts	0.14-2.5mm ²
• AWG	
• 电力区 Power Contacts	16-10
• 信号区 Signal Contacts	26-14
最大电缆直径 Max.insulation diameter	
• 电力区 Power Contacts	5mm



— 24B外壳带6个模块，导线截面:6mm²
 — 24B外壳带6个模块，导线截面:4mm²
 — 24 B hoods/housings with 6 modules, wire gauge:6mm²
 — 24 B hoods/housings with 6 modules, wire gauge:4mm²

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.

DMK-004 冷压型模块 Crimp Module 830V 40A



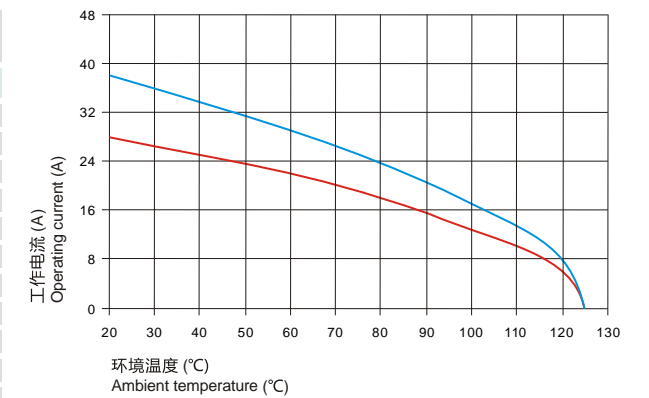
DMK-004-MC



DMK-004-FC

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	4
• 额定电流 Rated current	40A
• 额定电压 Rated voltage	830V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc. to UL	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	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 0.3m \Omega$
冷压连接 Crimp terminal	
• mm ²	1.5-6mm ²
• AWG	16-10



— 24B外壳带6个模块，导线截面:6mm²
 — 24B外壳带6个模块，导线截面:4mm²
 — 24 B hoods/housings with 6 modules, wire gauge:6mm²
 — 24 B hoods/housings with 6 modules, wire gauge:4mm²

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.

DME-005 弹片型模块 Cage-clamp Module 400V 16A

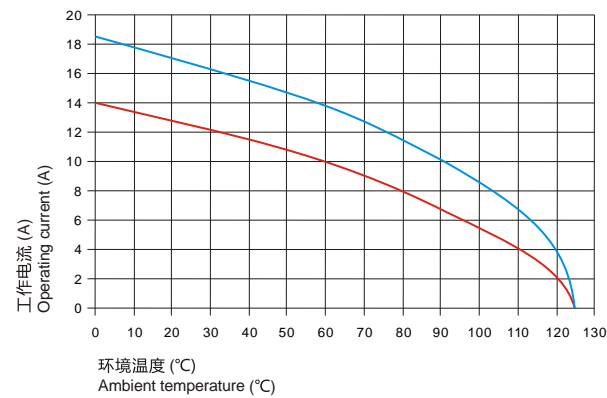

DME-005-MS

DME-005-FS

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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
• 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 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	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 0.3m \Omega$
冷压连接 Crimp terminal	
• mm ²	0.14-2.5mm ²
• AWG	26-14



— 24B外壳带6个模块，导线截面:2.5mm²
 — 24B外壳带6个模块，导线截面:1.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:2.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

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.

DME-006 冷压型模块 Crimp Module 500V 16A

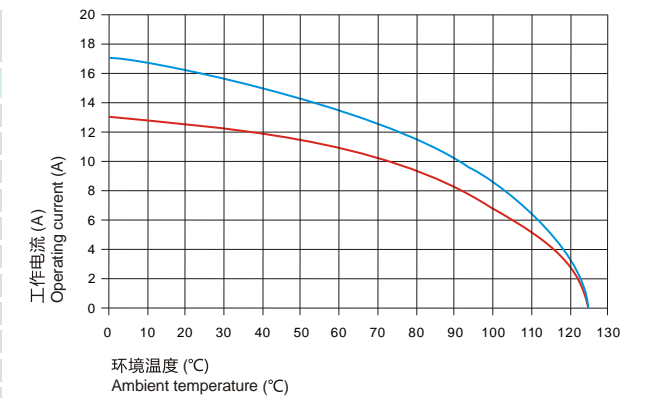

DME-006-MC

DME-006-FC

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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
• 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
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	镀银 Hard-silver plated
接触电阻 Contact resistance	$\leq 1m \Omega$
冷压连接 Crimp terminal	
• mm ²	0.14-4mm ²
• AWG	26-12



— 24B外壳带6个模块，导线截面:2.5mm²
 — 24B外壳带6个模块，导线截面:1.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:2.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

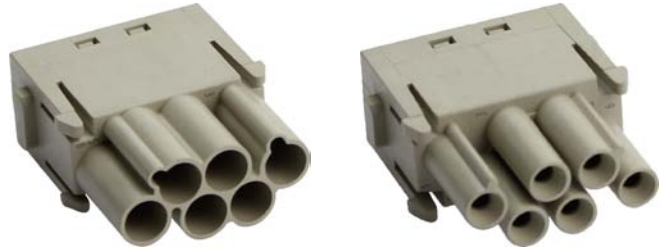
电流负载能力 Current carrying capacity

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.

DVME-006 冷压型模块 Crimp Module 500V 16A

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

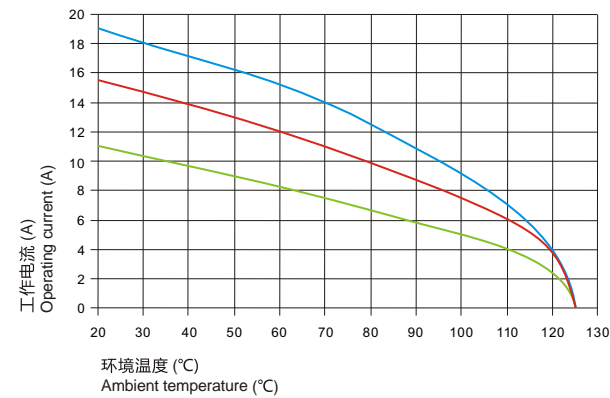


DVME-006-MC

DVME-006-FC

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
• 额定电流 Rated current	16A
• 额定电压 Rated voltage	830V
• 额定脉冲电压 Rated impulse voltage	8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc. to UL	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	镀银 Hard-silver plated 镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 1m \Omega$
冷压连接 Crimp terminal	
• mm ²	0.14-4mm ²
• AWG	26-12



— 24B外壳带6个模块, 导线截面:4.0mm²
 — 24B外壳带6个模块, 导线截面:2.5mm²
 — 24B外壳带6个模块, 导线截面:1.5mm²
 — 24 B hoods/housings with 6 modules, wire gague:4.0mm²
 — 24 B hoods/housings with 6 modules, wire gague:2.5mm²
 — 24 B hoods/housings with 6 modules, wire gague:1.5mm²

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.

DMEE-008 冷压型模块 Crimp Module 400V 16A

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

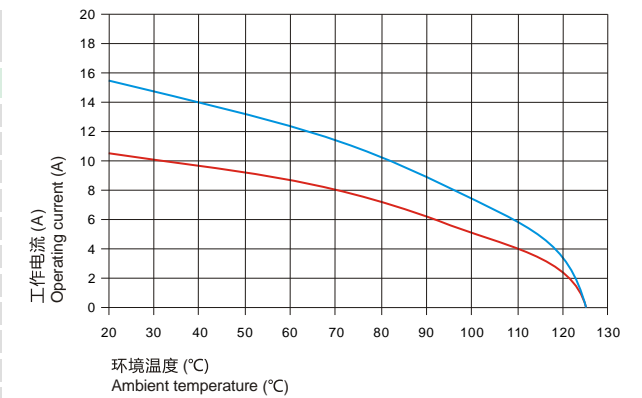


DMEE-008-MC

DMEE-008-FC

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	8
• 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 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	镀银 Hard-silver plated 镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 1m \Omega$
冷压连接 Crimp terminal	
• mm ²	0.14-4mm ²
• AWG	26-12

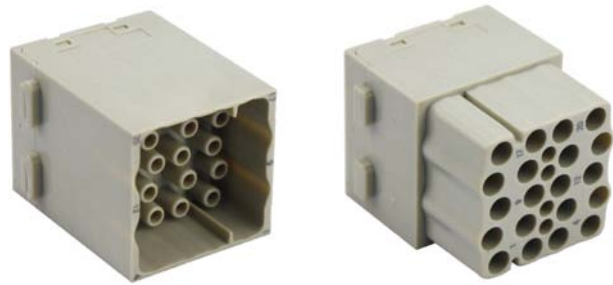


— 24B外壳带6个模块, 导线截面:2.5mm²
 — 24B外壳带6个模块, 导线截面:1.5mm²
 — 24 B hoods/housings with 6 modules, wire gague:2.5mm²
 — 24 B hoods/housings with 6 modules, wire gague:1.5mm²

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.

DMEE-020 冷压型模块 Crimp Module 500V 16A


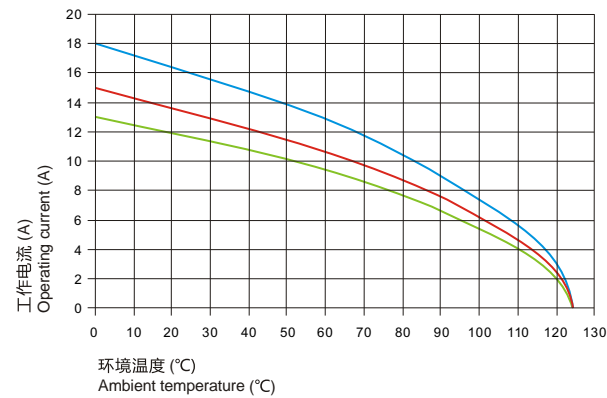
DMEE-020-MC

DMEE-020-FC

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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	20
• 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
依据UL额定电压 Rated voltage acc. to UL	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	镀银 Hard-silver plated 镀金 Hard-gold plated
接触电阻 Contact resistance	$\leq 1m \Omega$
冷压连接 Crimp terminal	
• mm ²	0.14-4mm ²
• AWG	26-12



— 24B外壳带6个模块, 导线截面:4.0mm²
 — 24B外壳带6个模块, 导线截面:2.5mm²
 — 24B外壳带6个模块, 导线截面:1.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:4.0mm²
 — 24 B hoods/housings with 6 modules, wire gauge:2.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:1.5mm²

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.

DMD-012 冷压型模块 Crimp Module 250V 10A

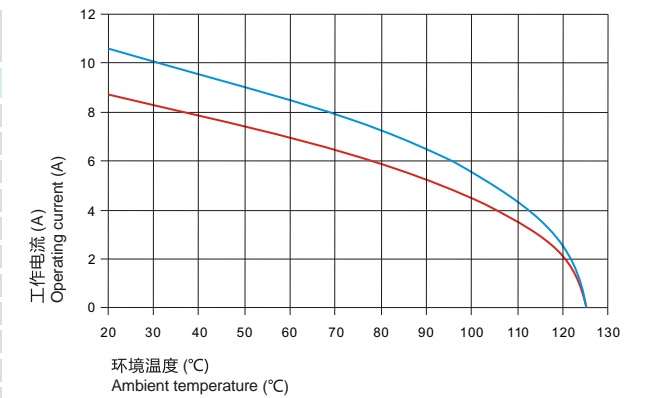

DMD-012-MC

DMD-012-FC

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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
• 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 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	0.14-2.5mm ²
• AWG	26-14

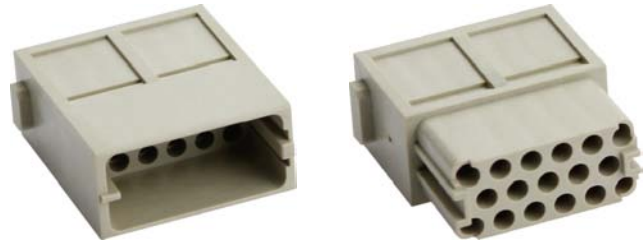


— 24B外壳带6个模块, 导线截面:1.5mm²
 — 24B外壳带6个模块, 导线截面:1.0mm²
 — 24 B hoods/housings with 6 modules, wire gauge:1.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:1.0mm²

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.

DMD-017 冷压型模块 Crimp Module 160V 10A


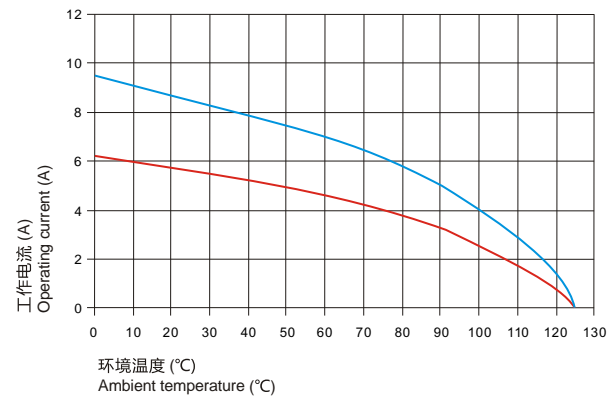
DMD-017-MC

DMD-017-FC

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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	17
• 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额定电压 Rated voltage acc. to UL	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	0.14-2.5mm ²
• AWG	26-14



— 24B外壳带6个模块，导线截面:1.5mm²
 — 24B外壳带6个模块，导线截面:1.0mm²
 — 24 B hoods/housings with 6 modules, wire gauge:1.5mm²
 — 24 B hoods/housings with 6 modules, wire gauge:1.0mm²

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.

DKE-009 D-Sub 模块 Module 50V 5A


DKE-009-MC

DKE-009-FC

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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	9
• 额定电流 Rated current	5A
• 额定电压 Rated voltage	50V
• 额定脉冲电压 Rated impulse voltage	0.8KV
• 污染程度 Pollution degree	3
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	0.09-0.82mm ²
• AWG	28-18

DMD-025 高密度型模块 50V 4A



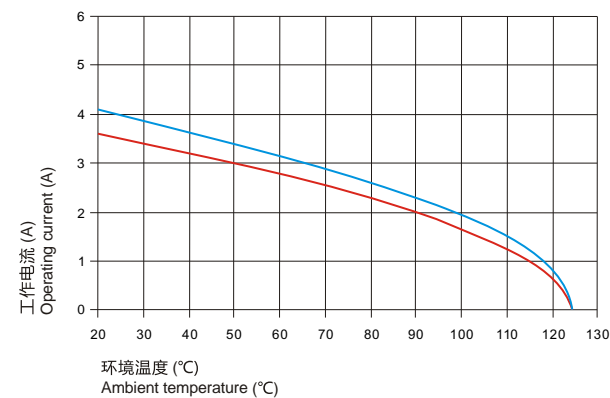
DMD-025-MC

DMD-025-FC

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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	25
• 额定电流 Rated current	4A
• 额定电压 Rated voltage	50V
• 额定脉冲电压 Rated impulse voltage	0.8KV
• 污染程度 Pollution degree	3
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	0.09-0.52mm ²
• AWG	28-20



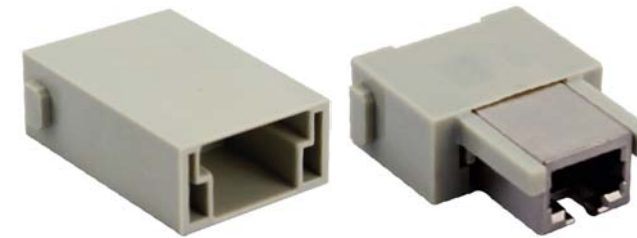
— 24B外壳带6个模块，导线截面:0.5mm²(车削针)
 — 24B外壳带6个模块，导线截面:0.5mm²(冲压针)
 — 24 B hoods/housings with 6 modules, wire gauge:0.5mm²(turned contacts)
 — 24 B hoods/housings with 6 modules, wire gauge:0.5mm²(stamped contacts)

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.

DM-RJ45 模块 Module 50V 1A



DM-RJ45-M

DM-RJ45-F

- 可与框架及其他所有模块产品组合使用
- Combination with hinged frame and other modules possible.

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	8
• 额定电流 Rated current	1A
• 额定电压 Rated voltage	50V
• 额定脉冲电压 Rated impulse voltage	0.8KV
• 污染程度 Pollution degree	3
依据UL额定电压 Rated voltage acc. to UL	< 30V
传输特性 Transmission characteristics	超 5 类可达 100MHz Category 5/Class E up to 100 MHz
• 依据 Basis	ISO/IEC 24 702 ISO/IEC 11 801
传输速率 Transmission rate	10/100/1000 Mbit/s
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 ~+ 85 °C
依据UL94阻燃等级 Flammability acc.to UL94	V0
可拔插次数 Mechanical working life-mating cycles	≥ 500