

Specification/standard

规范 / 标准

Specification	IEC 61984
规范	IEC 60664-1
	IEC 61373

Authentication 认证



Insert

接插件针数	1
Number of contacts	
依据 IEC61984 的额定电压	
Rated voltage according to IEC61984	
额定电流	200A
Rated current	
额定电压	1000V
Rated voltage	
绝缘电阻	$\geq 10^{10}\Omega$
Insulation resistance	
额定脉冲电压	8kV
Rated impulse voltage	
污染程度	3
Pollution degree	
材料	阻燃 PC
Material	
温度范围	-40°C ~ +125°C
Limiting temperatures	
阻燃等级	EN45545-2:R22/R23 UL94-V0
Flame retardant grade	
机械寿命	≥ 500 次
Mechanical life	

Contacts

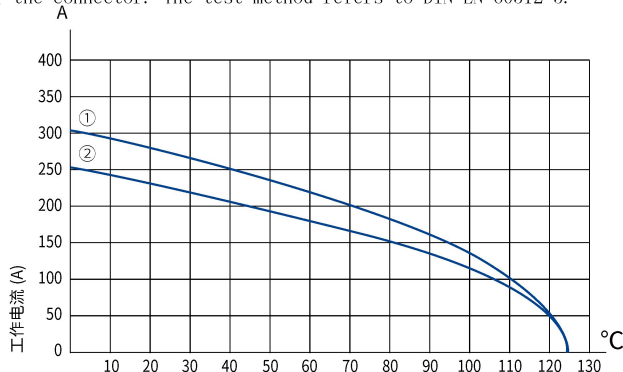
材料	铜合金
Material	Copper alloy
表面处理	镀银
Surface treatment	Silver plating
接触电阻	$\leq 0.3m\Omega$
Contact resistance	
冷压连接	
Crimp terminal	
导线规格	35-70mm ²
Wire gauge	

Current carrying capacity

电流承载能力

连接器的电流承载能力受接触件和绝缘部件的热负荷能力限制。降额曲线在不超过允许的最高温度下，有限显示电流均匀持续地通过连接器的每个接点。测试方法参照 DIN EN 60512-5。

The current carrying capacity of the connector is limited by the thermal load capacity of the contact and insulating parts. Under the condition that the derating curve does not exceed the maximum allowable temperature, the limited display current uniformly and continuously passes through each contact of the connector. The test method refers to DIN EN 60512-5.



环境温度 (°C)

- ① 24B 外壳带 3 个模块，导体截面积：70mm²
- ② 24B 外壳带 3 个模块，导体截面积：50mm²









Ambient temperature (°C)

- ① 24B shell with 3 modules, conductor cross section : 70mm²
- ② 24B shell with 3 modules, conductor cross section : 50mm²

Description 描述	Specification 型号	Order number 订货号		Scale drawings 比例图	Dimension unit 尺寸单位 (mm)
		公插芯 Male	母插芯 Female		
冷压连接 冷压针 需要单独订购 Crimp terminal, crimp contacts need to be ordered separately	HDC-HM200-MC	114060202036			
	HDC-HM200-FC		114060102192		

Description 描述 接触对 Contact Pairs	Conductor section 截面积 (mm ²)	Order number 订货号		Scale drawings 比例图	Dimension unit 尺寸单位 (mm)																								
		公针 Male	母针 Female																										
	16	114020502519	114021002519	 Wire gauge Stripping length <table border="1"> <thead> <tr> <th>导体截面积</th> <th>L1</th> <th>L2</th> <th>剥线长度</th> </tr> </thead> <tbody> <tr> <td>16mm²</td> <td>46mm</td> <td>43mm</td> <td>20mm</td> </tr> <tr> <td>25mm²</td> <td>46mm</td> <td>43mm</td> <td>20mm</td> </tr> <tr> <td>35mm²</td> <td>46mm</td> <td>43mm</td> <td>20mm</td> </tr> <tr> <td>50mm²</td> <td>49mm</td> <td>46mm</td> <td>23mm</td> </tr> <tr> <td>70mm²</td> <td>49mm</td> <td>46mm</td> <td>23mm</td> </tr> </tbody> </table>	导体截面积	L1	L2	剥线长度	16mm ²	46mm	43mm	20mm	25mm ²	46mm	43mm	20mm	35mm ²	46mm	43mm	20mm	50mm ²	49mm	46mm	23mm	70mm ²	49mm	46mm	23mm	
导体截面积	L1	L2	剥线长度																										
16mm ²	46mm	43mm	20mm																										
25mm ²	46mm	43mm	20mm																										
35mm ²	46mm	43mm	20mm																										
50mm ²	49mm	46mm	23mm																										
70mm ²	49mm	46mm	23mm																										
	25	114020502677	114021002625																										
	35	114020502173	114021002162																										
	50	114020502174	114021002163																										
	70	114020502175	114021002164																										

* 更多针孔详见 184 页, 压接工具详见 180 页 -3, 退针工具详见 179 页 -5

Number	Series	Scope of application	Specification	Order number	Place of production
序号	系列	适用范围	型号	订货号	产地
1	HDC-HD 系列退针器 HDC-HD series contacts retractor 	10A 公针 10A male contacts	HDC-HD-CX	113030400143	四川 - 绵阳 Sichuan-mianyang
		10A 母针 10A female contacts	HDC-HD-CX	113030400143	四川 - 绵阳 Sichuan-mianyang
2	HDC-HE 系列退针器 HDC-HE series contacts retractor  	16A 公针 16A male contacts	HDC-HE-CX	113030400142	四川 - 绵阳 Sichuan-mianyang
		16A 母针 16A female contacts	HDC-HE-CX	113030400142	四川 - 绵阳 Sichuan-mianyang
		16A 公针 16A male contacts	HDC-HE-CX/P	113030400146	四川 - 绵阳 Sichuan-mianyang
		16A 母针 16A female contacts	HDC-HE-CX/P	113030400146	四川 - 绵阳 Sichuan-mianyang
3	HDC-HMC 系列退针器 HDC-HMC series contacts retractor  	40A 公针 40A male contacts	HDC-HC-CX	113030400144	四川 - 绵阳 Sichuan-mianyang
		40A 母针 40A female contacts	HDC-HC-CX	113030400144	四川 - 绵阳 Sichuan-mianyang
		40A 公针 40A male contacts	HDC-HC-CX/P	113030400148	四川 - 绵阳 Sichuan-mianyang
		40A 母针 40A female contactsc	HDC-HC-CX/P	113030400148	四川 - 绵阳 Sichuan-mianyang
4	HDC-HDsub 系列退针器 HDC-HDsub series contacts retractor 	5A 公针 5A male contacts	HDC-DSUB9-CX	113030400145	四川 - 绵阳 Sichuan-mianyang
		5A 母针 5A female contacts	HDC-DSUB9-CX	113030400145	四川 - 绵阳 Sichuan-mianyang
5	HDC-HM200 系列退针器 HDC-HM200 series contacts retractor 	200A 公针 200A male contacts	HDC-HM200-CX	112980003652	四川 - 绵阳 Sichuan-mianyang
		200A 母针 200A female contacts	HDC-HM200-CX	112980003652	四川 - 绵阳 Sichuan-mianyang
6	HDC-HM2C100 系列退针器 HDC-HM2C100 series contacts retractor 	100A 公针 100A male contacts	HDC-HM2C100-CX	112980003651	四川 - 绵阳 Sichuan-mianyang
		100A 母针 100A female contacts	HDC-HM2C100-CX	112980003651	四川 - 绵阳 Sichuan-mianyang

外壳 / A 系列

外壳 / B 系列

连接体 / D 系列

连接体 / E 系列

连接体 / M 系列

连接体 / O 系列

连接体 / 混装系列

连接体 / C 系列

重载附件

Number	Series	Crimping wire diameter	Specification	Order number	
序号	系列	压接线径	型号	订货号	
1	5A/10A 	0.34-4mm ²	M22520/1-01(DMC)	531030600020	
2	16A/40A 	0.34-10mm ²	KNIPEX 四心轴压线钳 (97 52 65) KNIPEX Four spindleCrimping pliers (97 52 65)	531030600052	
3	70A/350A 	6-120mm ²	EK60/22L	531030600010	
		配套压接工装 Matching crimping tooling			
		编码 Code	名称 Name	备注 remarks	
		531030600074	EK60/22 六方带点压模 6mm ² EK60/22 Hexagonal point pressing die 6mm ²		
		531030600075	EK60/22 六方带点压模 10mm ² EK60/22 Hexagonal point pressing die 10mm ²		
		531030600076	EK60/22 六方带点压模 16mm ² EK60/22 Hexagonal point pressing die 16mm ²		
		531030600077	EK60/22 六方带点压模 25mm ² EK60/22 Hexagonal point pressing die 25mm ²		
		531030600078	EK60/22 六方带点压模 35mm ² EK60/22 Hexagonal point pressing die 35mm ²		
		531030600079	EK60/22 六方带点压模 50mm ² EK60/22 Hexagonal point pressing die 50mm ²		
		531030600066	EK60/22 六方带点压模 70mm ² EK60/22 Hexagonal point pressing die 70mm ²		
531030600067	EK60/22 六方带点压模 95mm ² EK60/22 Hexagonal point pressing die 95mm ²				
531030600068	EK60/22 六方带点压模 120mm ² EK60/22 Hexagonal point pressing die 120mm ²				
4	650A 	150-240mm ²	EK120/42L		
		配套压接工装 Matching crimping tooling			
		编码 Code	名称 Name	备注 remarks	
		531030600069	EK120/42 六方带点压模 150mm ² EK120/42 Hexagonal point pressing die 150mm ²		
531030600070	EK120/42 六方带点压模 185mm ² EK120/42 Hexagonal point pressing die 185mm ²				
531030600071	EK120/42 六方带点压模 240mm ² EK120/42 Hexagonal point pressing die 240mm ²				

外壳 / V 系列

连接体 / M 系列

连接体 / O 系列

连接体 / C 系列

重载附件

Number	Description	Conductor section	Order number		Scale drawings	Dimension unit																																								
序号	描述 接触对	截面积 (mm ²)	订货号		比例图	尺寸单位 (mm)																																								
			公针 Male	母针 Female																																										
200A Crimp contacts HDC-HM200 series Silver plated 16	200A 冷压针孔 HDC-HM200 系列 镀银	35	114020502173	114021002162		Wire gauge Stripping length <table border="1"> <thead> <tr> <th>导体截面积</th> <th>L1</th> <th>L2</th> <th>剥线长度</th> </tr> </thead> <tbody> <tr> <td>35mm²</td> <td>46mm</td> <td>43mm</td> <td>20mm</td> </tr> <tr> <td>50mm²</td> <td>49mm</td> <td>46mm</td> <td>23mm</td> </tr> <tr> <td>70mm²</td> <td>49mm</td> <td>46mm</td> <td>23mm</td> </tr> </tbody> </table>	导体截面积	L1	L2	剥线长度	35mm ²	46mm	43mm	20mm	50mm ²	49mm	46mm	23mm	70mm ²	49mm	46mm	23mm																								
	导体截面积	L1	L2	剥线长度																																										
	35mm ²	46mm	43mm	20mm																																										
50mm ²	49mm	46mm	23mm																																											
70mm ²	49mm	46mm	23mm																																											
50	114020502174	114021002163																																												
70	114020502175	114021002164																																												
200A Crimp contacts HDC-HM200 series Cleavage+Steel hoop Silver plated 17	200A 冷压针孔 HDC-HM200 系列 劈槽+钢箍 镀银	25	114020502617	114021002401		Wire gauge Stripping length <table border="1"> <thead> <tr> <th>导体截面积</th> <th>L1</th> <th>L2</th> <th>剥线长度</th> </tr> </thead> <tbody> <tr> <td>25mm²</td> <td>46mm</td> <td>43mm</td> <td>20mm</td> </tr> <tr> <td>35mm²</td> <td>46mm</td> <td>43mm</td> <td>20mm</td> </tr> <tr> <td>50mm²</td> <td>49mm</td> <td>46mm</td> <td>23mm</td> </tr> <tr> <td>70mm²</td> <td>49mm</td> <td>46mm</td> <td>23mm</td> </tr> </tbody> </table>	导体截面积	L1	L2	剥线长度	25mm ²	46mm	43mm	20mm	35mm ²	46mm	43mm	20mm	50mm ²	49mm	46mm	23mm	70mm ²	49mm	46mm	23mm																				
	导体截面积	L1	L2	剥线长度																																										
	25mm ²	46mm	43mm	20mm																																										
	35mm ²	46mm	43mm	20mm																																										
50mm ²	49mm	46mm	23mm																																											
70mm ²	49mm	46mm	23mm																																											
35	114020502614	114021002400																																												
50	114020502615	114021002413																																												
70	114020502616	114021002402																																												
350A Crimp contacts HDC-HC350 series Silver plated 18	350A 冷压针孔 HDC-HC350 系列 镀银	4	115260017601	115310017801		Wire gauge Stripping length <table border="1"> <thead> <tr> <th>线规</th> <th>D</th> <th>剥线长度</th> </tr> </thead> <tbody> <tr> <td>4mm²</td> <td>2.8</td> <td>24mm</td> </tr> <tr> <td>6mm²</td> <td>3.5</td> <td>24mm</td> </tr> <tr> <td>10mm²</td> <td>4.5</td> <td>24mm</td> </tr> <tr> <td>16mm²</td> <td>5.7</td> <td>24mm</td> </tr> <tr> <td>25mm²</td> <td>7.2</td> <td>24mm</td> </tr> <tr> <td>35mm²</td> <td>8.2</td> <td>26mm</td> </tr> <tr> <td>50mm²</td> <td>10</td> <td>28.5mm</td> </tr> <tr> <td>70mm²</td> <td>11.5</td> <td>28.5mm</td> </tr> <tr> <td>95mm²</td> <td>13.5</td> <td>30.5mm</td> </tr> <tr> <td>120mm²</td> <td>15.5</td> <td>24mm</td> </tr> </tbody> </table>	线规	D	剥线长度	4mm ²	2.8	24mm	6mm ²	3.5	24mm	10mm ²	4.5	24mm	16mm ²	5.7	24mm	25mm ²	7.2	24mm	35mm ²	8.2	26mm	50mm ²	10	28.5mm	70mm ²	11.5	28.5mm	95mm ²	13.5	30.5mm	120mm ²	15.5	24mm							
	线规	D	剥线长度																																											
	4mm ²	2.8	24mm																																											
	6mm ²	3.5	24mm																																											
	10mm ²	4.5	24mm																																											
	16mm ²	5.7	24mm																																											
	25mm ²	7.2	24mm																																											
	35mm ²	8.2	26mm																																											
	50mm ²	10	28.5mm																																											
70mm ²	11.5	28.5mm																																												
95mm ²	13.5	30.5mm																																												
120mm ²	15.5	24mm																																												
6	115260017602	115310017802																																												
10	115260017603	115310017803																																												
16	115260017604	115310017804																																												
25	115260017605	115310017805																																												
35	115260014501	115310014501																																												
50	115260014502	115310014502																																												
70	115260014503	115310014503																																												
95	115260014504	115310014504																																												
120	115260014505	115310014505																																												
650A Crimp contacts HDC-HC650 series Silver plated 19	650A 冷压针孔 HDC-HC650 系列 镀银	25	115260017701	115310017901		Wire gauge Stripping length <table border="1"> <thead> <tr> <th>线规</th> <th>D1</th> <th>D2</th> <th>剥线长度</th> </tr> </thead> <tbody> <tr> <td>25mm²</td> <td>7.2</td> <td>10</td> <td>32mm</td> </tr> <tr> <td>35mm²</td> <td>8.4</td> <td>12.5</td> <td>32mm</td> </tr> <tr> <td>50mm²</td> <td>10.2</td> <td>14.5</td> <td>32mm</td> </tr> <tr> <td>70mm²</td> <td>11.3</td> <td>16.5</td> <td>32mm</td> </tr> <tr> <td>95mm²</td> <td>13.5</td> <td>19</td> <td>32mm</td> </tr> <tr> <td>120mm²</td> <td>15.5</td> <td>21</td> <td>32mm</td> </tr> <tr> <td>150mm²</td> <td>17</td> <td>22.5</td> <td>32mm</td> </tr> <tr> <td>185mm²</td> <td>20</td> <td>26</td> <td>32mm</td> </tr> <tr> <td>240mm²</td> <td>22.5</td> <td>28.5</td> <td>32mm</td> </tr> </tbody> </table>	线规	D1	D2	剥线长度	25mm ²	7.2	10	32mm	35mm ²	8.4	12.5	32mm	50mm ²	10.2	14.5	32mm	70mm ²	11.3	16.5	32mm	95mm ²	13.5	19	32mm	120mm ²	15.5	21	32mm	150mm ²	17	22.5	32mm	185mm ²	20	26	32mm	240mm ²	22.5	28.5	32mm
	线规	D1	D2	剥线长度																																										
	25mm ²	7.2	10	32mm																																										
	35mm ²	8.4	12.5	32mm																																										
	50mm ²	10.2	14.5	32mm																																										
	70mm ²	11.3	16.5	32mm																																										
	95mm ²	13.5	19	32mm																																										
	120mm ²	15.5	21	32mm																																										
150mm ²	17	22.5	32mm																																											
185mm ²	20	26	32mm																																											
240mm ²	22.5	28.5	32mm																																											
35	115260017702	115310017902																																												
50	115260017703	115310017903																																												
70	115260014601	115310014601																																												
95	115260014602	115310014602																																												
120	115260014603	115310014603																																												
150	115260014604	115310014604																																												
185	115260014605	115310014605																																												
240	115260014606	115310014606																																												