

Specification/standard

规范 / 认证

Specification	IEC 61984
规范	IEC 60664-1
	IEC 61373
Authentication	
认证	

Current carrying capacity

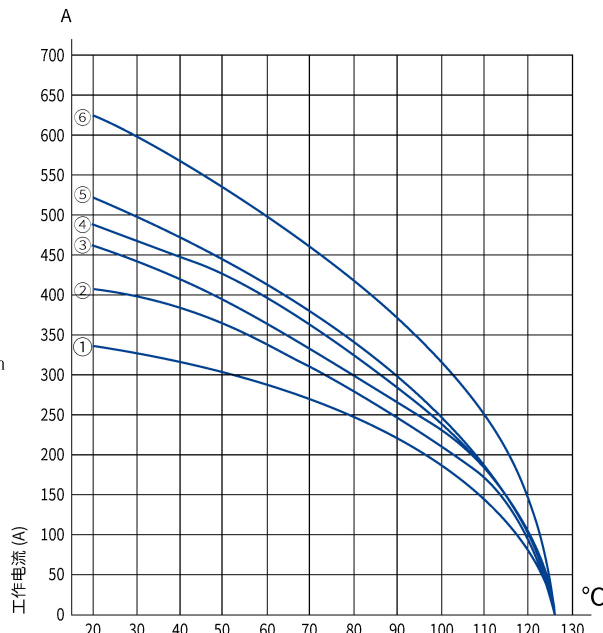
电流承载能力

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.

Insert 插芯

接插件针数	1, 2
Number of contacts	
依据 IEC61984 的额定电压	
Rated voltage according to IEC61984	
额定电流	650A
Rated current	
额定电压	2000V(标准)、4000V(出线口绝缘保护)
Rated voltage	2000V (standard)、4000V (Insulation protection of outlet)
额定脉冲电压	12kV(标准)、18kV(出线口绝缘保护)
Rated impulse voltage	12KV (standard)、18KV (Insulation protection of outlet)
污染等级	3
Pollution degree	
绝缘电阻	$\geq 10^{10}\Omega$
Insulation resistance	
材料	聚酰胺
Material	Polyamide
温度范围	-40°C~+125°C
Limiting temperatures	
阻燃等级	EN45545-2:R22/R23 UL94-V0
Flame retardant grade	
可插拔次数	≥ 500 次
Mechanical life	



环境温度 (°C)

- ① 导体截面积: 70mm²
- ② 导体截面积: 95mm²
- ③ 导体截面积: 120mm²
- ④ 导体截面积: 150mm²
- ⑤ 导体截面积: 180mm²
- ⑥ 导体截面积: 240mm²

Ambient temperature (°C)

- ① Conductor cross section : 70mm²
- ② Conductor cross section : 95mm²
- ③ Conductor cross section : 120mm²
- ④ Conductor cross section : 150mm²
- ⑤ Conductor cross section : 180mm²
- ⑥ Conductor cross section : 240mm²


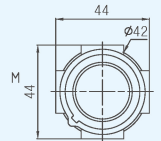
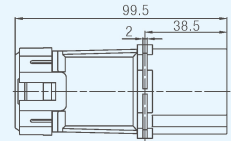

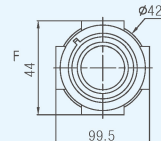
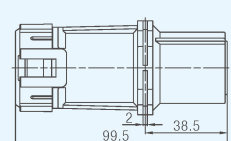

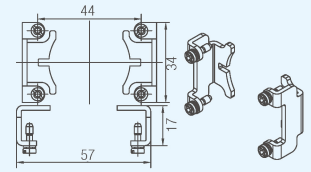

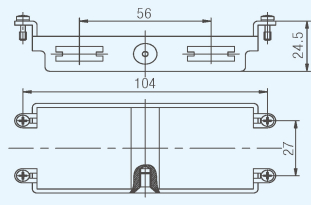
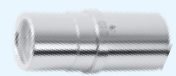
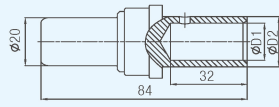
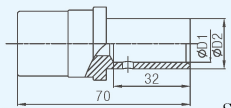
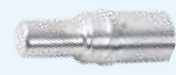
Contacts 插针

材料	铜合金
Material	Copper alloy
表面处理	镀银
Surface treatment	Silver plated
接触电阻	$\leq 0.15m\Omega$
Contact resistance	
冷压连接	
Crimp terminal	
mm ²	70-240mm ²
最大芯线直径	30mm
Maximum core diameter	



Shell size: matching 6A/24A shell, crimp terminal, crimp contacts need to be ordered separately

外壳尺寸: 匹配 6A/24A 外壳, 冷压连接、冷压针需单独订购

Description		Specification		Order number		比例图 尺寸单位 (mm)	
插芯描述	型号	订货号		Scale drawings Dimension unit			
		公插芯 Male	母插芯 Female	Male	Female		
	HDC-HC650-MC	112029800121					
	HDC-HC650-FC		112019800071				
Description of mounting frames		Order number		Scale drawings Dimension unit		比例图 尺寸单位 (mm)	
安装支架描述		订货号		比例图		尺寸单位 (mm)	
D650-44 安装架组件 D650-44 mounting frames 		113030200013					
D650-104 安装架组件 D650-104 mounting frames 		113030200012					
Description		Conductor section		Order number		Scale drawings Dimension unit	
描述 接触对 Contact Pairs	导线截面 (mm ²)	订货号		比例图 尺寸单位 (mm)			
		公针 Male	母针 Female	Male	Female		
镀银 Silver plated 	25	115260017701	115310017901				
	35	115260017702	115310017902				
	50	115260017703	115310017903	Wire gauge	Stripping length	剥线长度	
	70	115260014601	115310014601				
	95	115260014602	115310014602				
	120	115260014603	115310014603				
	150	115260014604	115310014604				
	185	115260014605	115310014605				
240	115260014606	115310014606					

* 更多针孔详见 184 页, 压接工具详见 180 页 -4