

Specification/standard

规范 / 标准

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

Current carrying capacity

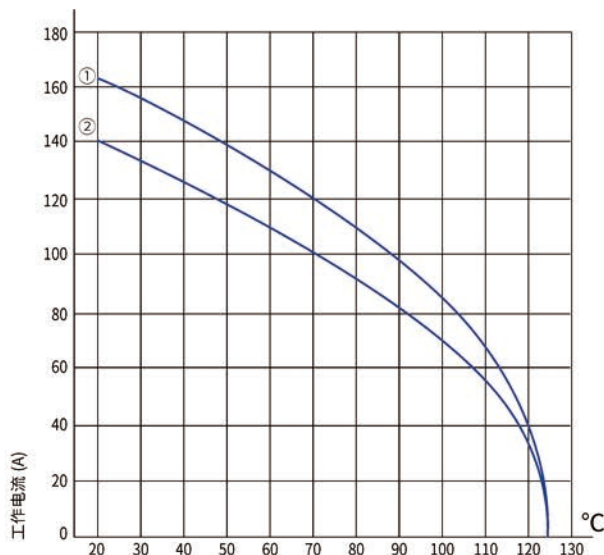
电流承载能力

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	2
Number of contacts	
依据 IEC61984 的额定电压	
Rated voltage according to IEC61984	
额定电流	100A
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	Flame retardant PC
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	



环境温度 (°C)



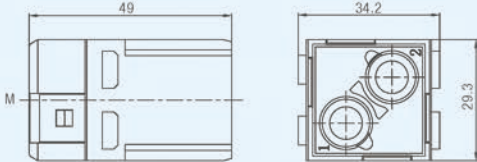

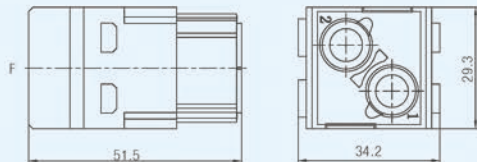

- ① 24B 外壳带 3 个模块，导体截面积：35mm²
- ② 24B 外壳带 3 个模块，导体截面积：25mm²

Ambient temperature (°C)

- ① 24B shell with 3 modules, conductor cross section : 35mm²
- ② 24B shell with 3 modules, conductor cross section : 25mm²

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	$\leq 0.3m\Omega$
Contact resistance	
轴向螺栓连接	
Axial screw connection	
导线规格	6-35mm ²
Wire gauge	
内六角扳手	Sw4
Hexagon bar wrench	
剥线长度	12mm
Stripping length	
拧紧力矩	
Tightening torque	
mm ²	6 10 16 25 35
N.m	6 6 6 7 8

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		
轴向螺栓连接 Axial screw connection 	HDC-HM2C100-M (6-25mm ²)	112012000256			
	HDC-HM2C100-F (6-25mm ²)		112022000465		
	HDC-HM2C100-M (16-35mm ²)	113060100543			
	HDC-HM2C100-F (16-35mm ²)		113060200545		