

Specification/standard

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

Insert

插芯	
接插件针数	4/8+PE
Number of contacts	
依据 IEC61984 的额定电压	
Rated voltage according to IEC61984	
电力区	
Power area	
额定电流	80A
Rated current	
额定电压	400V
Rated voltage	
额定脉冲电压	6kV
Rated impulse voltage	
污染程度	3
Pollution degree	
当前污染程度 2 时的参数	80A 400/690V 6kV 2
Parameters at current pollution level 2	
信号区	
Signal area	
额定电流	16A
Rated current	
额定电压	400V
Rated voltage	
额定脉冲电压	6kV
Rated impulse voltage	
污染程度	3
Pollution degree	
依据 UL/USA 的额定电压	600/600V
Rated voltage according to UL/USA	
绝缘电阻	$\geq 10^{10}\Omega$
Insulation resistance	
材料	阻燃 PC
Material	Flame retardant PC
温度范围	-40°C~ +125°C
Limiting temperatures	
阻燃等级	UL94-V0
Flame retardant grade	
机械寿命	≥ 500 次
Mechanical life	

Contacts

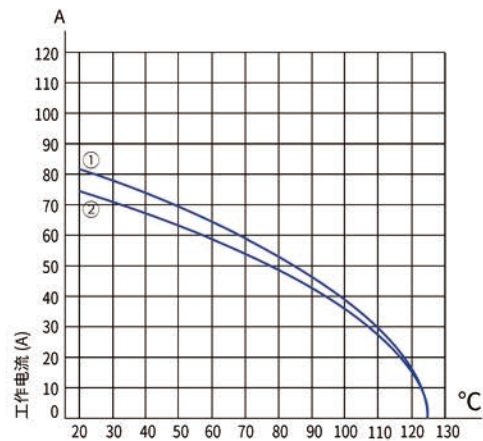
插针	
螺栓连接	
Screw terminal	
mm ²	1.5-6mm ²
AWG	16-6
拧紧力矩	
Tightening torque	
mm ²	1.5 2.5 4 6 10 16
N.M	1.2 2 3 3 3 3
剥线长度	14mm
Stripping length	
信号针	
Signal contacts	
材料	铜合金
Material	Copper alloy
表面处理	镀银
Surface treatment	Silver plated
接触电阻	$\leq 1m\Omega$
Contact resistance	
螺栓连接	
Screw terminal	
mm ²	0.5-2.5mm ²
AWG	20-14
拧紧力矩	0.5N.m
Tightening torque	
剥线长度	7.5mm
Stripping length	

电流承载能力

Current carrying capacity

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 导体截面积: 16mm²

② 导体截面积: 10mm²

Ambient temperature (°C)

① Conductor cross section : 16mm²

② Conductor cross section : 10mm²

