

## Properties/特性

- Safe, reliable, and easy for assembly.  
安全，可靠，安装简便。
- UV radiance, acid/alkali erosion, and severe weather resistance.  
防紫外线辐射，防酸碱腐蚀，防恶劣天气。
- High protection degree for dustproof, waterproof and flammability.  
高级别防灰，防水及防易燃保护。

## Technical date of series/系列技术参数

Dimensions (H*W) 连接器尺寸 (长X宽)	Ø 19mmX76mm F 19mmX71mm M
Total Weight(Terminal Block Include) 总重量 (含接线端子)	26.5g
Certification Mark 认证资质标示	TÜV/CSA
The Diameter of The Connection 预接电缆线直径	2.5mm <sup>2</sup> /4mm <sup>2</sup> /6mm <sup>2</sup>
Plug Housing (RTI) 塑壳材质 (RTI)	PC 115
Receptacle Contact Material 导电端子材质	Copper 铜
Max. System Voltage 系统电压	1500V DC
Rated Impulse Voltage 额定脉冲电压	16000V
Rated Insulation Voltage 额定绝缘电压	8000V
Rated Current 额定电流	30A(4mm <sup>2</sup> /12AWG )
Torque 电缆接头旋开扭矩	≥1.2N.m
Static Resistance 静态电阻	≤5mΩ
Voltage Withstand 带电导体耐电压	1.8KV/1mA/1min
Leakage Current 湿漏电流	< 10 uA
Protection Degree 保护等级	IP68
Temperature Range 使用温度范围	-40℃ ~ 85℃
Flame Retardance 阻燃等级	UL94-VO
Drawing Force After Connect With 4mm <sup>2</sup> Cable Line 4mm <sup>2</sup> 电缆线接头拧紧后拔开力	≥310N
Thrusting Force 连接器对接时插入力	20N < F < 80N
Drawing Force (Auto Locking Status) 连接器对接后拔开力 (自锁状态)	≥100N
Contact Resistance 连接器正负极接触电阻	< 0.45mΩ
Weather-Resistance 耐候性	no serious appearance defects after Ultra-violet irradiation and humid heat test 耐紫外线辐照、湿热测试，无严重外观缺陷

