

光伏4.0线端连接器

PV 4.0 Cable Connector

产品规格

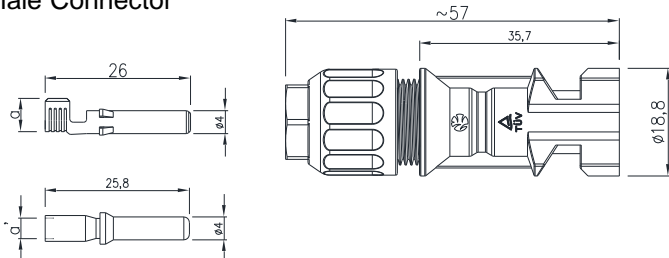
Product Specifications

| | | | |
|---|---------------------------|---|--------------------------------|
| 绝缘材料 Insulation material | PPE/PA | 安全等级 Safety degree | II |
| 额定电流 Rated current | 30A | 阻燃等级 Flame class | UL94-V0 |
| 额定电压 Rated voltage | 1000VDC | 插入力/拔出力 Insertion force/Withdrawal force | ≤50N / ≥50N |
| 测试电压 Test voltage | 6kV(50Hz,1min) | 环境温度范围 Ambient temperature range | -40°C...+85°C(IEC) |
| 连接器接触电阻 Typical contact resistance | ≤0.25 mΩ | 适配电线规格 Suitable cable cross sections | 1.5~6mm ² /16~10AWG |
| 金属导体材料 Contact material | 铜,镀锡 Copper,Tin plated | 连接方式 Connecting system | 压接 Crimp connection |
| 保护等级 Degree of protection | IP67 | 螺帽锁紧力 Nut cap locking force | 1.5~1.8Nm |
| 过压等级 Overvoltage category/Pollution degree | CATIII/2 | 温度上限 Upper limiting temperature | 110°C(IEC) |

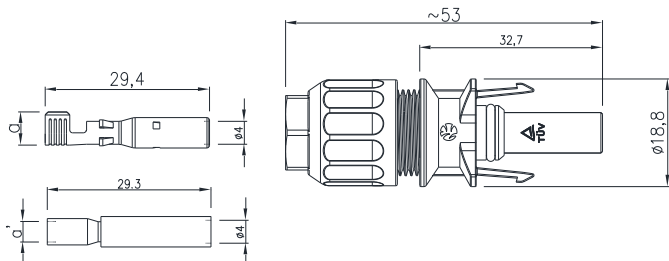
图示:

Drawing:

公连接器Male Connector



母连接器Female Connector



| 母端Female | 公端Male | 电流Current | a | a' | 适配电线规格 Cable Size |
|------------|--------|-----------|------|------|-----------------------------------|
| 料号Part No. | | Amps | | | |
| 4C4250 | 4C4251 | 30 | 4.05 | ø2.1 | 1.5/2.5mm ² / 16/14AWG |
| 4C4000 | 4C4001 | 30 | 5.8 | ø2.8 | 4.0/6.0mm ² &10/12AWG |
| 4C6000 | 4C6001 | 30 | 5.8 | ø3.4 | 4.0/6.0mm ² &10/12AWG |