SC4-CONNKIT-UL

DATA SHEET

PV Solar M+F Connector Kit

Features

- **Male and Female Connector Pair**
- **Rated for up to 1000VDC**
- **Crimp Connector for 10/12AWG Wire**
- **IP68 Weatherproof Rating**
- **UL 6703 Rated**



Applications

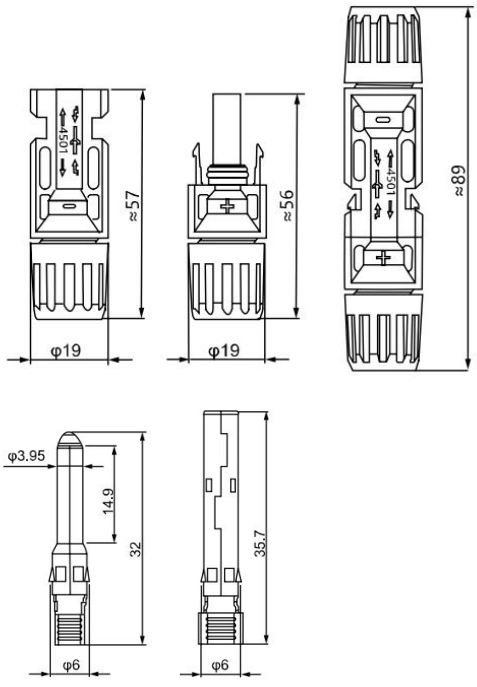
- **Remote Power Systems**
- **Solar Power Applications**

Description

The Tycon Solar® SC4-CONNKIT-UL is an industry standard UL Rated PV connector kit. It includes a male and a female connector with crimp contacts which can accommodate 10AWG and 12AWG wire. The IP68 UV Protected weatherproof connectors are designed for outdoor use in harsh environments.

Specifications

Connector System	4mm^2
Rated Voltage	1000 VDC
Rated Solar Current	30A Max
Test Voltage	6KV (50hz, 1min)
Contact Resistance	<0.5 mΩ
Max Wire Size	10 AWG (6mm^2)
Contact Material	Copper, Tin Plated
Insulation Material	PC/PPO
Flammability Rating	UL-94-V0
Environmental Protection	IP68
Salt Spray	IEC 60068-2-52
Certifications	UL6073, CE, RoHS
Safety Class	II
Operating Temp	-40°C to 75°C (-40°F to 167°F)
Max Temperature	105°C (221°F)
Insertion Force	≤90 N
Withdrawal Force	≥310 N
Dimensions	57mm x 19mm (2.2 x 0.75")
Weight	20g (0.044lb)
Warranty	3 years



System Ordering:

SC4-CONNKIT-UL PV UL Rated Male + Female Connector Kit, 10/12AWG Wire Crimp

For further information contact: Tyconsystems.com

RoHS compliant

TYCON Solar®
930 W 14600 S Ste 600
Bluffdale, UT 84065
PH: 801-432-0003
FAX: 801-618-4220

Specifications Subject to Change Without Notice