



Note: Solid pins are also available.

Structural Characteristics

- Simple on-site processing.
- Accommodates PV cable with different insulation diameters.
- Mating safety provided by keyed housings.
- Multiple plugging and unplugging cycles.
- High current carrying capacity.

Specifications

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size mm ²	Cable OD (Dmm)
WSPVCC-1	WSPVCC-M	WSPVCC-T1	AWG 14(2.5 mm ²)	φ4.5-φ8.5
WSPVCC-2		WSPVCC-T2	AWG 12(4.0 mm ²)	
WSPVCC-3		WSPVCC-T3	AWG 10(6.0 mm ²)	
WSPVCC-4	WSPVCC-F	WSPVCC-T4	AWG 14(2.5 mm ²)	φ4.5-φ8.5
WSPVCC-5		WSPVCC-T5	AWG 12(4.0 mm ²)	
WSPVCC-6		WSPVCC-T6	AWG 10(6.0 mm ²)	

Technical Parameter

Rated current	30A(45A if with solid pins)
Rated voltage	1500v DC
Test voltage	6000V(50Hz,1min)
Overvoltage type/pollution degree	CAT III/2
Contact resistance of plug connector	1mΩ
Contact material	Copper,Tin-plated
Insulation material	PPO/PC
Degree of protection	IP2X/IP67
Flame class	UL94-VO
Safety class	II
Suitable cable	OD 4.5-8.5(2.5-6.0 mm ²)
Insertion force/withdrawal force	≤50N/≥50N
Connecting system	Crimp connection
Temperature range	-40°C ~+125°C