

Part I: Basic Technical Data for Z4S

Certifications		IEC/ TUV	UL
Standard		IEC62852 / EN50521	UL6703
Certificate No.		R 50363877	E351402
Rated Voltage	1000V DC	√	√
	1500V DC	√	√
Rated Current		32A (2.5mm ² /14AWG) 40A (4.0mm ² /12AWG) 45A (6.0mm ² /10AWG)	
Typical Contact Resistance		0.25mΩ	
Operation temperature		-40°C ~ 85°C	
Safety Class		Class II	
Flame Resistance		5VA	
Protection Degree		IP68 (mated)	
Contact Material		Copper, tin plated	
Cable Diameter		5.0mm-- 8.0mm	
Insulation Material		PPE	

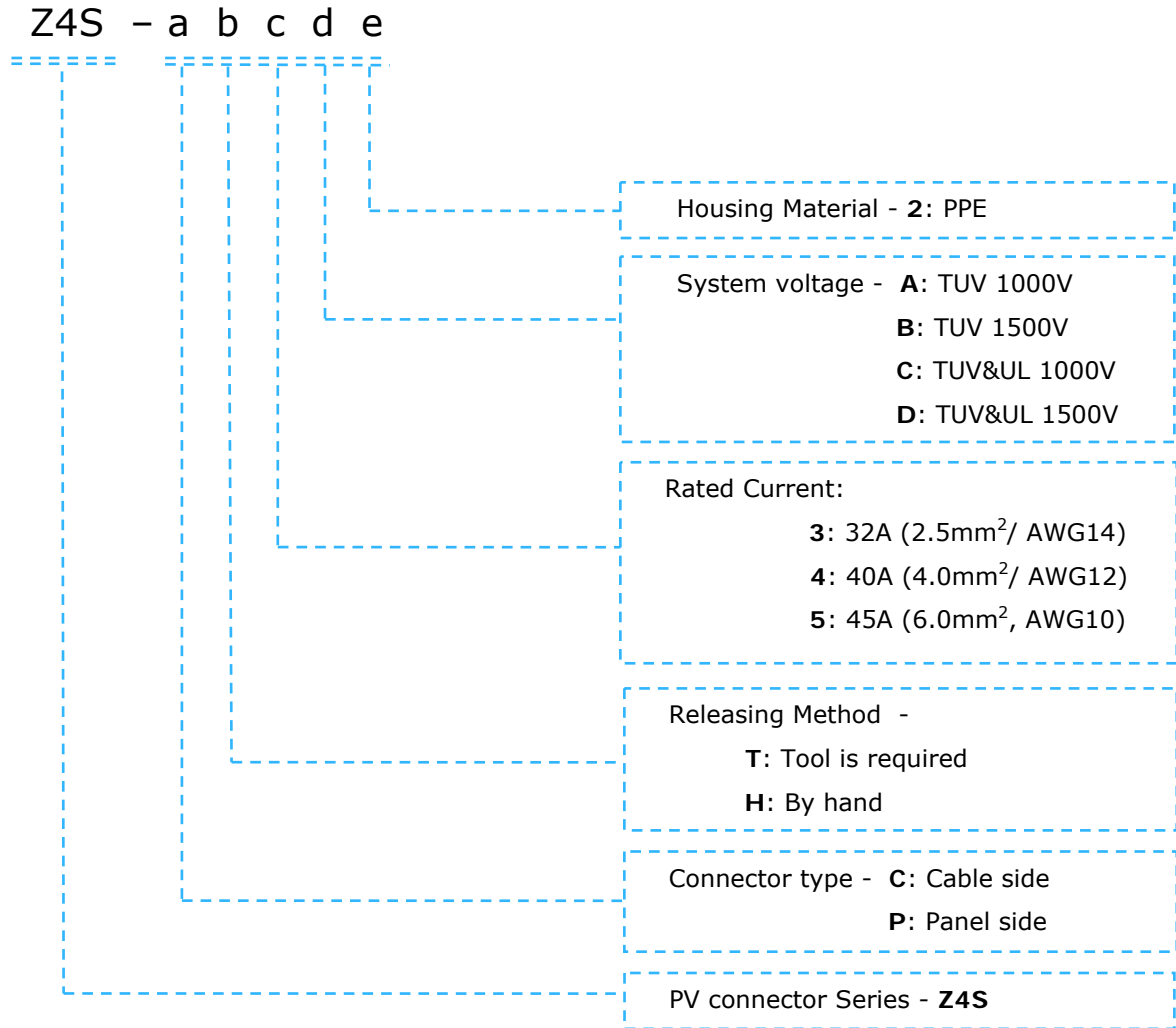
Suitable cable outer diameter approved by UL: OD 5mm-8mm

Suitable cable type approved by TUV:

Manufacture	Type	Certificate No
Dongguan Zerun Electronics Technology Co.,Ltd.	H1Z2Z2-K 1X1,5...6mm ²	R50354353
	PV1-F 1X1,5...6mm ²	T50323508
Suzhou Baohing Electric Wire & Cable Co., Ltd.	H1Z2Z2-K 1X1,5...35mm ²	R50310426
	PV1500DC-F 1X1,5...35mm ²	R50265450
	PV1-F 1X1,5...6mm ²	R50140161
Changshu Honglin Wire& Cable Co.,Ltd.	H1z2z2-K 1X1,5...35mm ²	R50325448
	PV1500DC-F 1X1,5...35mm ²	R50262575
	PV1-F 1X1,5...6mm ²	R50203158
Wuxi Xinhongye Wire & Cable Co., Ltd.	H1Z2Z2-K 1X1,5...35mm ²	R50311889
	PV1500DC-F 1X1,5...35mm ²	R50268142
	PV1-F 1X1,5...6mm ²	R50129983

Part II: Z4S Naming Code

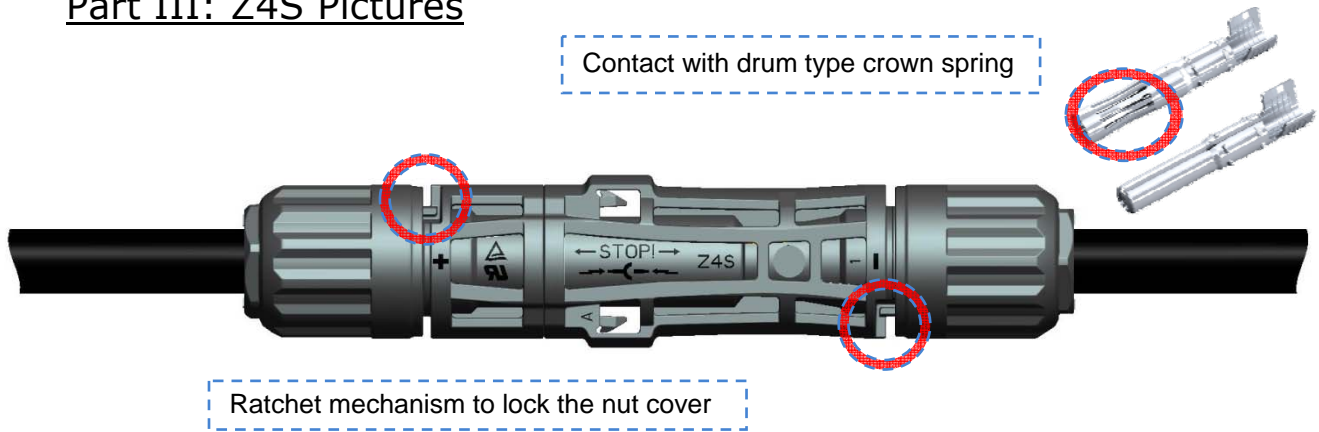
Name Code description



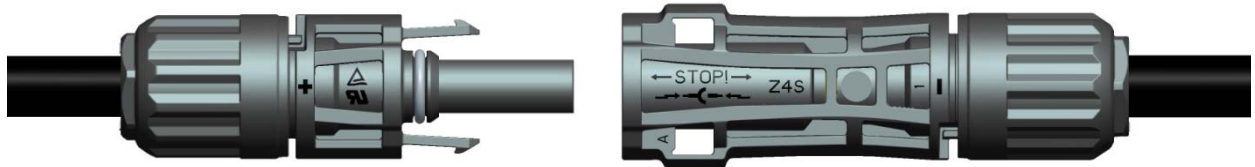
Model number example : Z4S-CT4D2

Z4S PV connector assembly, for cable side, and a tool is required to disconnect the connector, rated current of 40A with 4mm² \ AWG12 cable, the system voltage is 1500V.

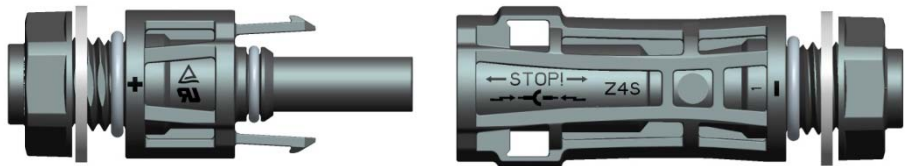
Part III: Z4S Pictures



Connector for cable side



Connector for panel side



Connector for disconnect by hand

