

Part I: Basic Technical Data for Z4S

Certifications		TUV	UL
Standard		IEC62852	UL6703
Certificate No.		R 50495771	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	

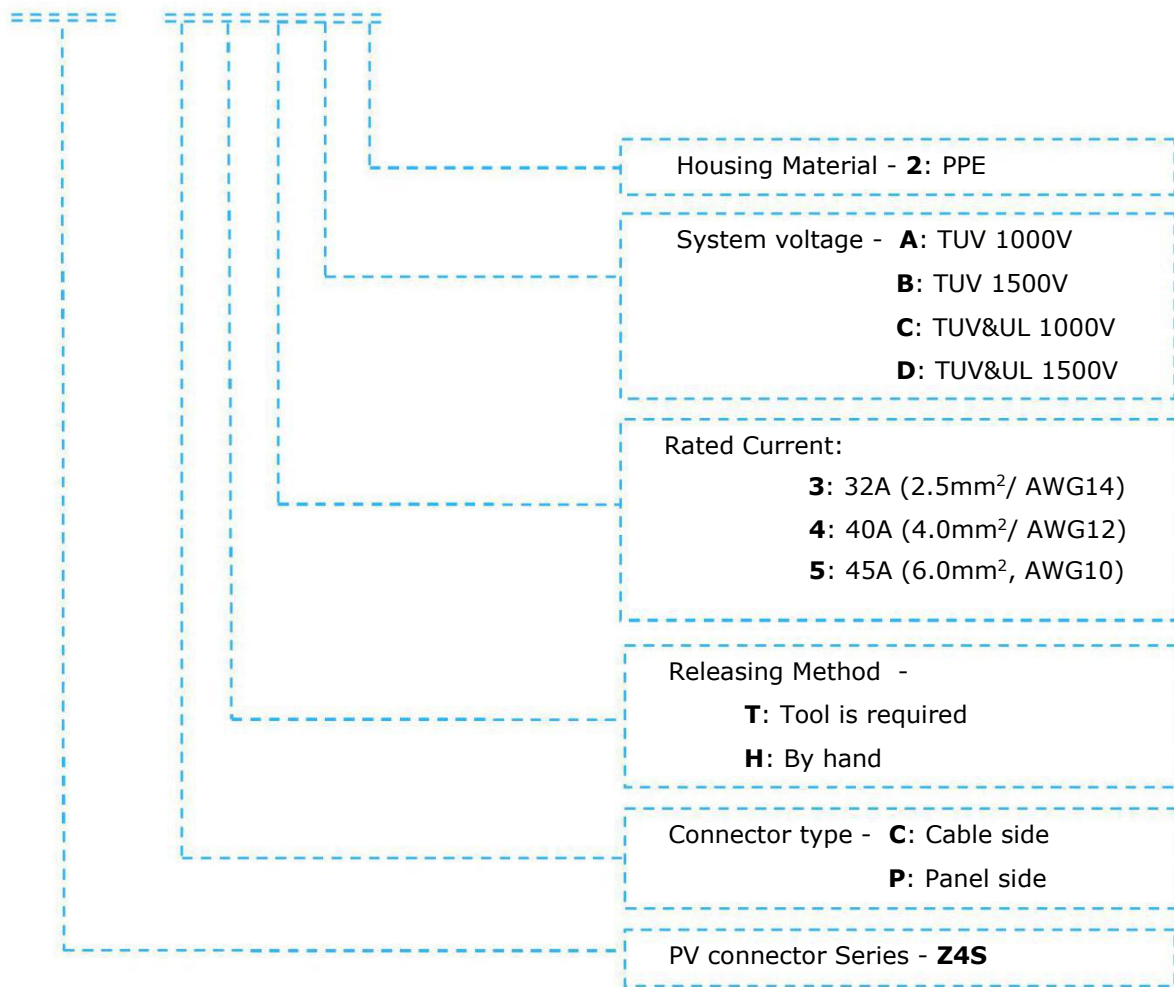
Approved cable information

Manufacture	Type	Certificate No
Zerun Co., LTD	62930 IEC 131 1 x 1,5...35mm ²	TÜV R 50354353
	UL ZKLA listed PV wire	UL E476724
Suzhou Baohing Electric Wire & Cable Co., Ltd.	62930 IEC 131 1 x 2,5...6,0mm ²	TÜV R 50464210
	UL ZKLA listed PV wire	UL E329163
Wuxi Xinhongye Wire & Cable Co., Ltd.	62930 IEC 131 1 x 2,5...6,0mm ²	TÜV R 50439595
	UL ZKLA listed PV wire	UL E332548

Part II: Z4S Naming Code

Name Code description

Z4S - a b c d e

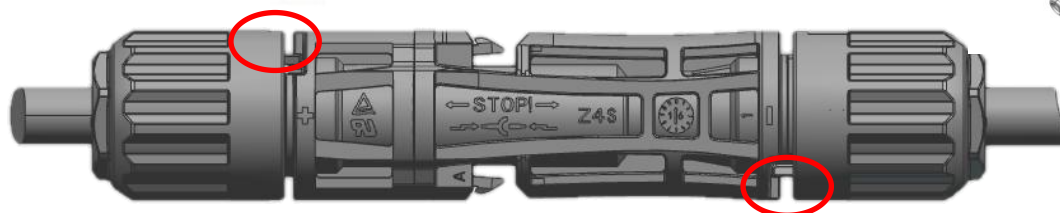
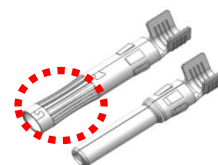


Model number example : Z4S-CT4D2

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.

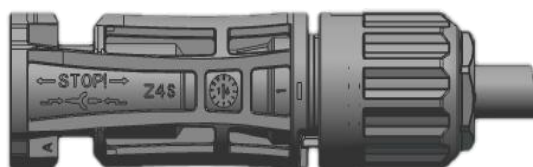
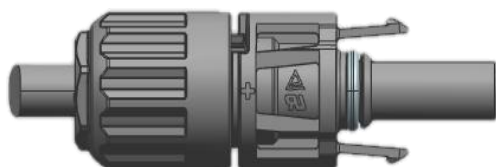
Part III: Z4S Pictures

Contact with drum type crown spring



Ratchet mechanism to lock the nut cover

Connector for cable side



Connector for panel side



Connector for disconnect by tool

