



# PV Solar Branch Connectors

## Specifications and Dimensions

PV Solar Branch connectors ERSBC4F and ERSBC4M are applicable for parallel connection with PV straight male or female connectors depending on on-site application. Branch connectors have 3 branches, 2 for inputs, either male or female and 1 for output, either male or female. These connectors are constructed using flame retardant thermoplastic suitable for exposure to UV rays and for application in PV power generation system. When mated, they can be disconnected with the use of make open end spanner. PV Solar Branch connectors have mating compatibility not only with ERSMC4P straight connector but also with straight connectors of leading International makes having similar construction.

### Features:

- TUV Certified
- Snap Fit Locking Arrangement
- Tested as per International Standards / IEC 62852
- Low Contact Resistance
- IP68 Protection when mated
- Provides UV Protection (Tested for 500 hrs as per ISO 4892-2)



ERSBC4F



ERSBC4M

Description	Specification
Rated Voltage	1500V DC
Rated Current	25A (2.5 mm <sup>2</sup> ), 30A (4.0 mm <sup>2</sup> , 6.0 mm <sup>2</sup> )
RMS Test Voltage	8kV (1500V)
Impulse with Stand Voltage	16kV
Degree of Protection	IP 68
Contact Material	Copper with Tin Plating
Ambient Temperature	-40°C to +85°C
Max. Operating Temp.	+110°C
Pollution Degree	3
Contact Resistance	< 0.5m Ω
Insertion Force	< 50 N
Withdrawal Force	> 50 N
Locking System	Snap In



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For any further comments or assistance please contact:

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