

SOLARLOK PV4-S 1500V DC

The SOLARLOK PV4-S connector is an upgrade to the industry leading SOLARLOK PV4 connector to meet a minimum 1500V rating with IP68 protection. The SOLARLOK PV4-S has been tested to assure reliable, and safe connections of solar arrays. The connectors use industry standard crimp tooling that is readily available and used by installers today.



Applications

- Solar panels
- Inverters
- Micro inverters
- DC optimizers

Electrical

- UL 15 A and TÜV 25 A: 2.5mm² / 14AWG
- UL 20 A and TÜV 35 A: 4.0mm² / 12AWG
- UL 30 A and TÜV 40 A: 6.0mm² / 10AWG (at 85 °C)
- Rated Voltage: 1000V / 1500V (UL); 1000V / 1500V (TUV)
- Contact Resistance: 0.35mΩ

Mechanical

- 63mm x 24.5mm (Male)
- 59.5mm x 18.7mm (Female)
- Protection degreed: IP68 (1m/24 hours)

Product Specifications

- TUV Approved
- UL Approved
- JET Pending

Materials

- Housing: PPE
- Contact: Tinned copper

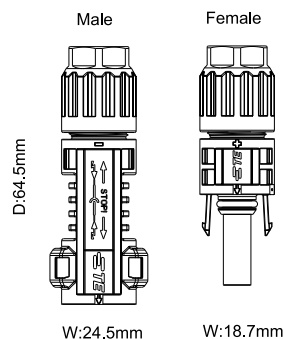
Key Benefits

- Low contact resistance for less power lost
- Excellent water proof protection
- Exceed 3 times the IEC standard aging tests
- Use 100% virgin raw material (no recycle) for maximum product life

Product Selection Information

Part Number	Description
2270024-1	Pin connector
2270025-1	Socket connector

Dimensions



Product Selection Information

Accessories



Plastic tool for disconnect PV4
PN [1971903-1](#)



Plastic tool for disconnect PV4 & PM style
PN [2232232-1](#)



Hand Crimping Tool 4.0-6.0 mm²
PN [6-1579014-8](#)



Cable Stripper
PN [4-1579002-2](#)



Dust Cap for Male housing
PN [2232228-1](#)



Dust Cap for Female housing
PN [2232227-1](#)

Female Cable Coupler (kit with Socket contact), Plus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
2270025-1	2270025-2	1000
2-2270025-1	2-2270025-2	100

Male Cable Coupler (kit with Pin contact), Minus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
2270024-1	2270024-2	1000
2-2270024-1	2-2270024-2	100

Female Cable Coupler w/out contact, Plus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
2270023-1	2270023-2	1000

Male Cable Coupler w/out contact, Minus polarity

Gen. 4 Seal PNs Cable Outer Diameter 6.0 to 7.8mm	Gen. 2 Seal PNs Cable Outer Diameter 5.5 to 6.0mm	Package Quantity
2270022-1	2270022-2	1000

Pin Contact, Wire size 4-6 mm² (12-10 AWG)

Part Number	Supply Condition	Package Quantity
1971857-2	On Reel	2000
1971857-3	Loose Piece	1000

Socket Contact, Wire size 4-6 mm² (12-10 AWG)

Part Number	Supply Condition	Package Quantity
1971858-2	On Reel	2000
1971858-3	Loose Piece	1000

te.com

© 2016 TE Connectivity Ltd. Family of Companies. All Rights Reserved. SOLARLOK, TE, TE Connectivity, and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies. Other logos, product and Company names mentioned herein may be trademarks of their respective owners.
1-1773877-2 JN 4/2016

USA: +1 (800) 522-6752
Canada: +1 (905) 475-6222
Mexico: +52 (0) 55-1106-0800
Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999

UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
The Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015