

SOLARLOK PV4-H

Enhanced Connector System
for 1500 V Applications



The SOLARLOK PV4-H connector system is designed for solar installations adding extended voltage ratings of 1500v TUV & 1000V UL to the original PV4 connector system. With a proven track record for ease of assembly and on-site processing with the available tools, the PV4-H connector system helps ensure a safe, easy, and reliable installation process while offering a quality solution.

Electrical

- Current Rating: up to 25 A for 2.5 mm²
up to 35 A for 4.0 mm²
up to 40 A for 6.0 mm²
- Rated Voltage: 1500 V TUV / EN50521
1000 V UL 6703
- Contact Resistance: 0.3 m Ω

Mechanical

- Dimensions: Diameter 18.7 mm (.74 inch)
- Ingress Protection Rating: IP 68 (1m/ 24h), mated
- Wire sizes: 2.5-6 mm² (AWG 14-10)

Materials

- Housing: PPE
- Contact: Tin plated tin copper alloy

Standards

- Product Specification: 108-137032
- Application Specification: 114-137032
- Approvals: UL, TUV, CUL, NEC 2008

Product Offering

Part Number	Description
2232315-1	Male coupler
2232314-1	Female coupler

Application Tooling for SOLARLOK Connectors



Insulator Stripper

- PN: [4-1579002-2](#)
- Includes length stop for all wire sizes
- Suitable for our Solar Cable
- 2.5 mm², 4.0 mm² and 6.0 mm²



Hand Crimp Tool for PV4 Contacts

- PN: [5-1579014-5](#)
- Includes Crimp Head locator
- 4-6 mm² / 12-10 AWG

[More tooling on page 2](#) →

SOLARLOK PV4-H PM

Enhanced Panel Mount
Connector System
for 1500 V Applications



The SOLARLOK PV4-H PM connector system for panel mount applications is designed to reach 15000V TUV / 1000V UL and have the most reliable power connection. With a precision engineered design, it provides a stable power connection and helps ensure the lowest contact resistance to help reduce the cost of power.

Electrical

- Current Rating at 85 °C: up to 35 A for 4.0 mm²
up to 40 A for 6.0 mm²
- Rated Voltage: 1500 V
1000 V
- Contact Resistance: 0.3 m Ω

Mechanical

- Dimensions: Diameter 18.7 mm (.74 inch)
- Ingress Protection Rating: IP 68 (1m/ 24h), mated
- Wire sizes: 4-6 mm² (AWG 12-10)

Materials

- Housing: PPE
- Contact: Tin plated tin copper alloy

Standards

- Product Specification: 108-106122
- Application Specification: 114-106122D

Product Offering

Part Number	Description
1971919-1	Male coupler
1971920-1	Female coupler
2232227-1	Female dust cap
2232228-1	Male dust cap

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Tooling and Accessories for SOLARLOK Connectors

TE SOLARLOK accessories

provide the installer a fast and easy to use field tool complete easy, safe and reliable installations.



PV4 Field Tool

- PN: 1971903-1



PV4-PM Field Tool

- PN: 2232232-1



PV4-PM Dust Caps

- PN: 2232227-1 female cap
- PN: 2232228-1 male cap

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