



Tigo TS4-A-F Module Add-On RSD Solution User Guide

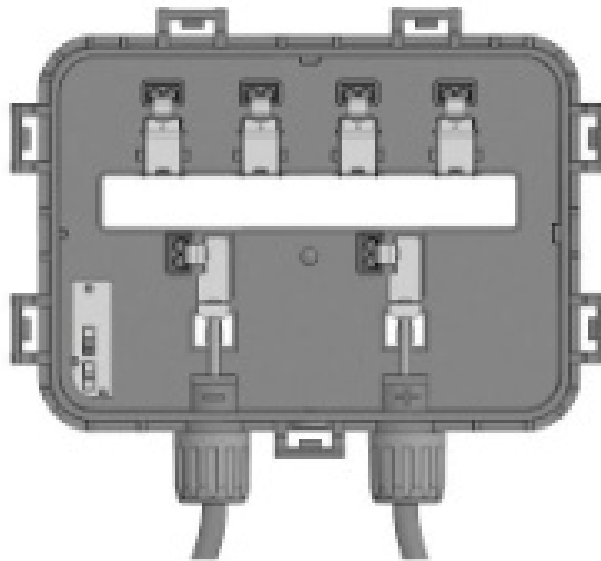
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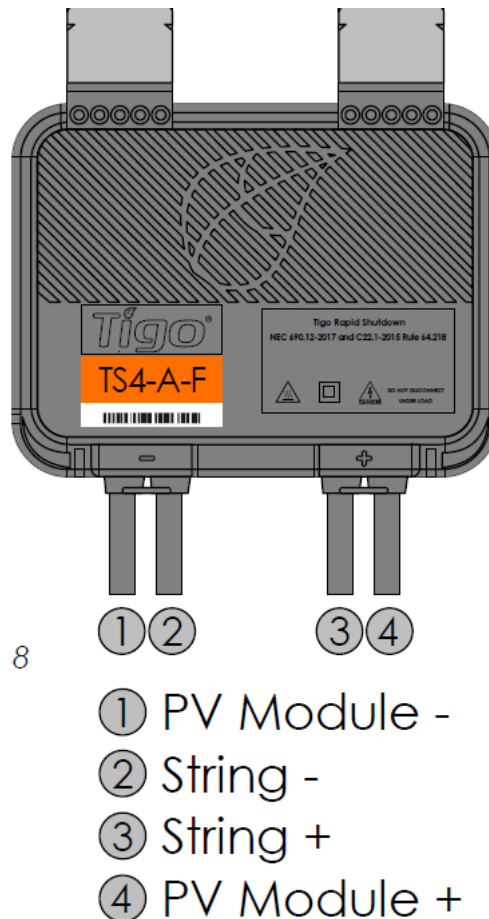
Tigo TS4-A-F Module Add-On RSD Solution



TS4-A-F

The TS4-A-F is the advanced add-on solution that brings rapid shutdown functionality to standard PV modules when paired with the Tigo RSS Transmitter

Maximum power: 700W
Maximum voltage: 90VDC
Maximum current: 15ADC



Maximum string voltage 1000V/1500V
depending on connectors.

Use ANSI/NFPA 70 wiring methods.

Modules must not be installed in readily accessible locations. (Canada onl Connectors from different manufacturers cannot be mated with each oth Photovoltaic Rapid Shutdown Equipment NEC 690.12 and C22.1-2015 Rule The RSS Transmitter is an external device that provides a keep-alive signal t PVRSE device via communications. The Transmitter shall be powered from the same power as the RSI (Rapid Shutdown Initiator) circuit and tied to the shutdown of the inverter.

- **Class II double insulation** Output voltage is 0.6V when RSS Transmitter signal is not present.

If the string is disconnected under load, wait 1 minute before reconnecting TS4-A-F.

Verify that the output voltage is 0.6V before reconnecting

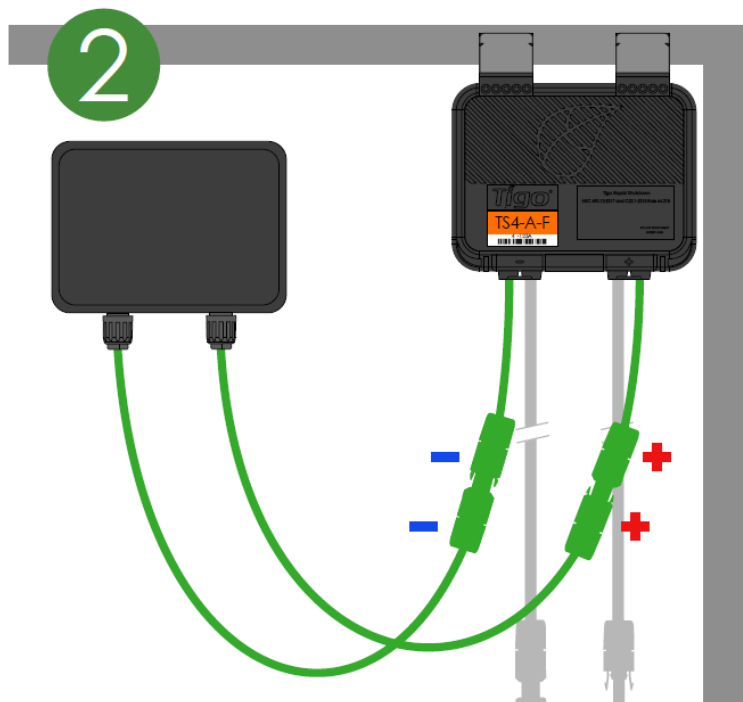
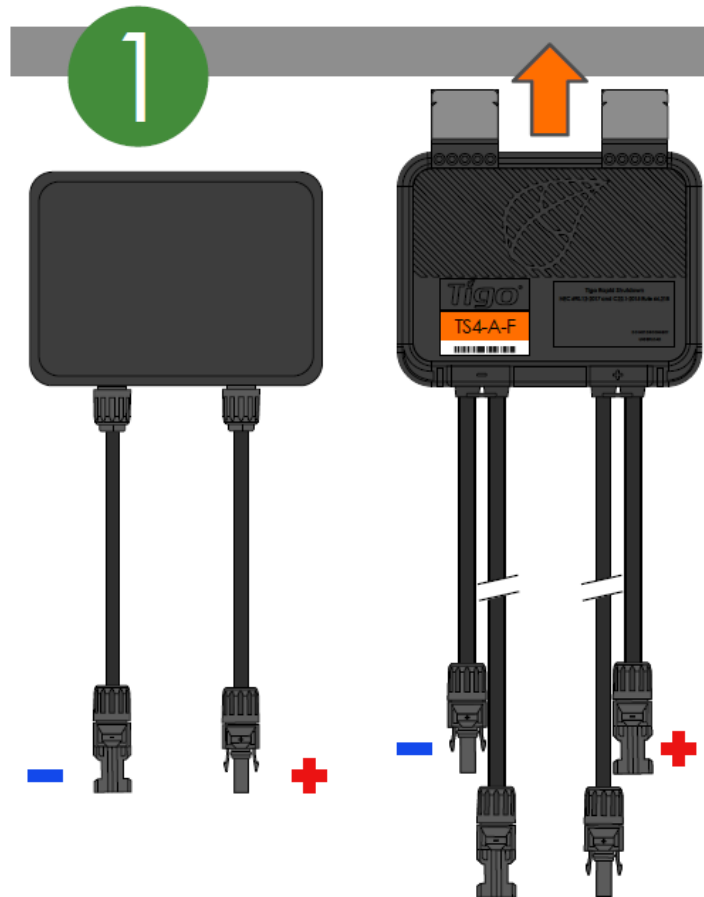
- **High Voltage**

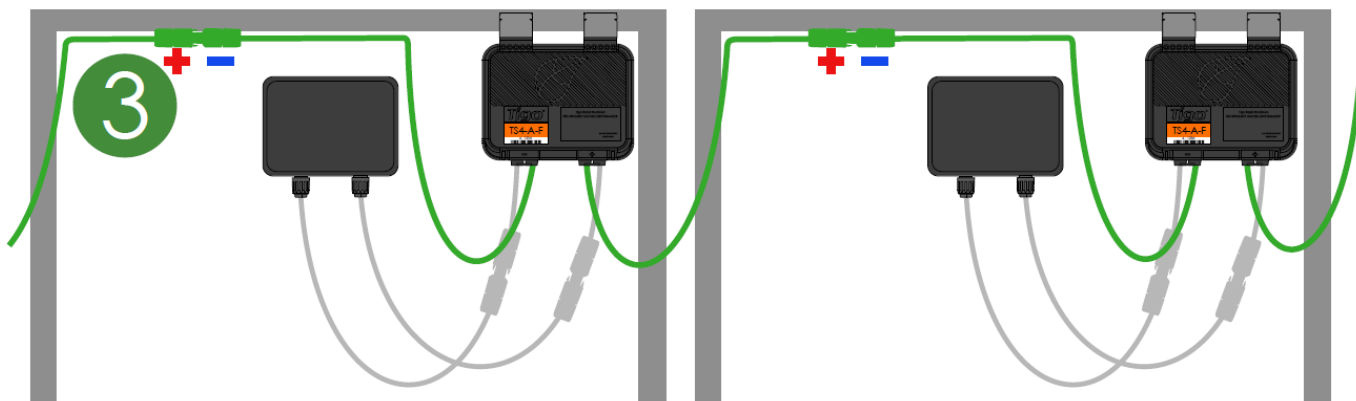
IMPORTANT NOTICE

Electricity will be supplied to the Tigo TS4-A output cables immediately when connected to a PV module exposed to sunlight. Use care when handling.



TS4-A-F Installation Quick Start Guide

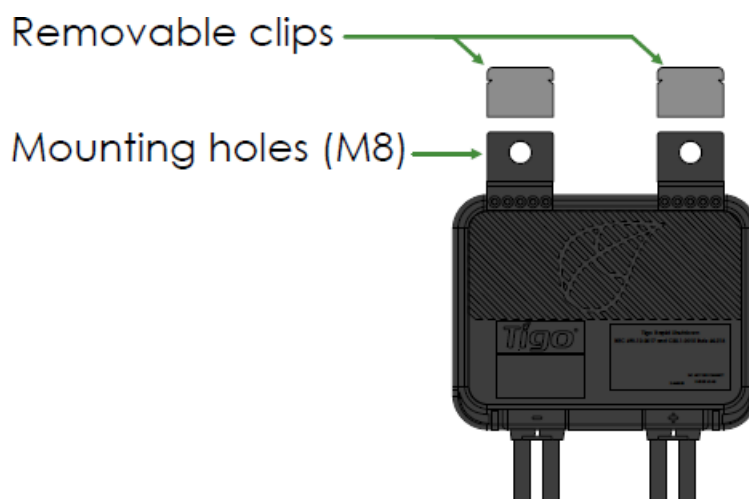




Note: When installing TS4-A-F, connect the input cables to the PV module before connecting the TS4-A-F output cables in series.

If disconnecting TS4-A-F, disconnect the TS4-A-F output cables from the string before disconnecting the input cables from the PV module.

RSS Transmitter must be powered off during TS4-A-F installation.



For installation with frameless modules, remove metal clips and bolt TS4-A to the rail

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Documents / Resources

	Tigo TS4-A-F Module Add-On RSD Solution [pdf] User Guide TS4-A-F, Module Add-On RSD Solution
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