



TS4-A-F

Module-level PV Rapid Shutdown

The TS4-A-F (Fire Safety) is the advanced add-on rapid shutdown solution that brings smart module functionality to standard PV modules for higher reliability. Ensure safety by upgrading existing PV systems or by adding safety features to new installations.

The TS4-A-F complies with NEC 690.12 Rapid Shutdown specifications when installed with the Tigo RSS Transmitter or an inverter with built-in Tigo certified transmitter.

Included Features



Fire Safety

Enhanced **safety** for NEC 690.12 rapid shutdown compliance

Easy Installation

Snap to standard module frame or remove brackets for rack mounting

PLC Signaling

Control rapid shutdown with the Tigo RSS Transmitter

Automatic Shutdown

PV array enters rapid shutdown in event of AC grid loss



TS4-A-F SPECIFICATIONS

Environmental

Operating Temperature Range	UL: -30°C to +75°C (-22°F to +167°F)
	IEC: -40°C to +85°C (-40°F to +185°F)
Outdoor Rating	IP68, NEMA 3R

Mechanical

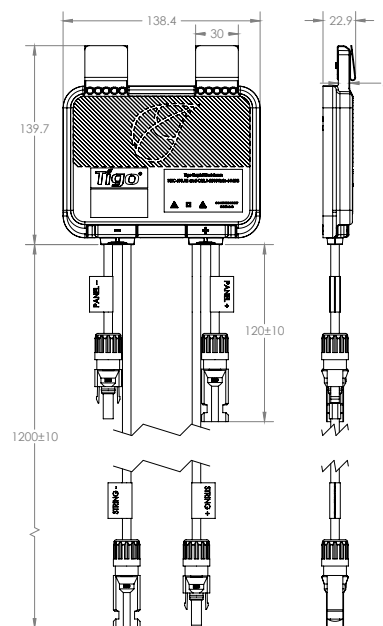
Dimensions	138.4mm x 139.7mm x 22.9mm
Weight	490g

Electrical

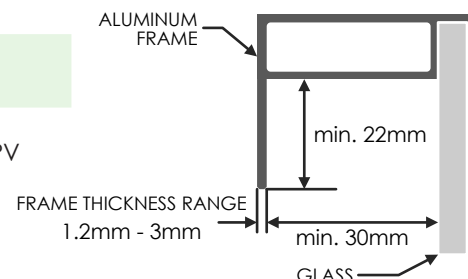
Max Input Voltage (V _{OC} @ Lowest Temperature)	90V
Input Voltage Range	16 - 90V
Maximum Current	15A
Maximum Power	700W
Cable Lengths (in/out)	0.12/1.2m (standard), 0.62/1.2m (optional)
Connectors	MC4 (standard), EVO2 (optional)
Communication Type	PLC
Rapid Shutdown UL Listed (NEC 2017 & 2020 690.12)	Yes

Rapid shutdown activation of TS4-A-F requires RSS Transmitter.

*Maximum output voltage of the TS4 is dependent on the PV module voltage. Refer to PV modules nameplate.



Module frame specifications for mounting TS4-A



ORDERING INFORMATION

Standard

459-00252-32 1500V UL / 1000V IEC, 0.12/1.2m cable, MC4

Options

459-00261-32 1500V UL / IEC, 0.12/1.2m cable, EVO2
 459-00252-62 1500V UL / 1000V IEC, 0.62/1.2m Cable, MC4
 459-00261-62 1500V UL / IEC, 0.62/1.2m Cable, EVO2

For sales info:

sales@tigoenergy.com or 1.408.402.0802

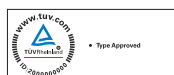
For product info:

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