



TS4-A-F

PV Module Advanced Add-On/Retrofit

The TS4-A-F (Fire Safety) is the advanced add-on/retrofit 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 2017 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	-40°C to +85°C (-40°F to +185°F)
Outdoor Rating	IP68, NEMA 3R

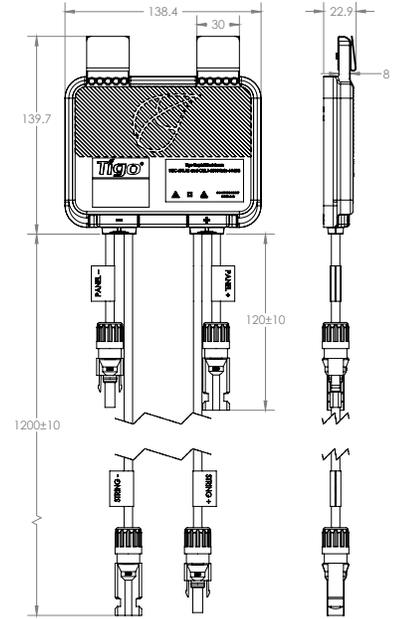
Mechanical

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

Electrical

Voltage Range	16 - 90V
Maximum Current	15A
Maximum Power	500W
Output Cable Length	1.2m (standard)
Connectors	MC4 (standard)
Communication Type	PLC
Rapid Shutdown UL Listed (NEC 2014 & 2017 690.12)	Yes

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



ORDERING INFORMATION

Standard

458-00252-32 1000V UL / TÜV, 1.2m cable, MC4

Options

458-00257-12 1000V UL / TÜV, 1.2m cable, MC4 comparable

458-00261-32 1500V UL / TÜV, 1.2m cable, EVO2

For sales info:

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For product info:

Visit tigoenergy.com/products

For technical info:

Visit support.tigoenergy.com



For additional info and product selection assistance, use Tigo's online design tool at tigoenergy.com/design

