



## 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 +158°F)
Outdoor Rating	IP68, NEMA 3R

## Mechanical

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

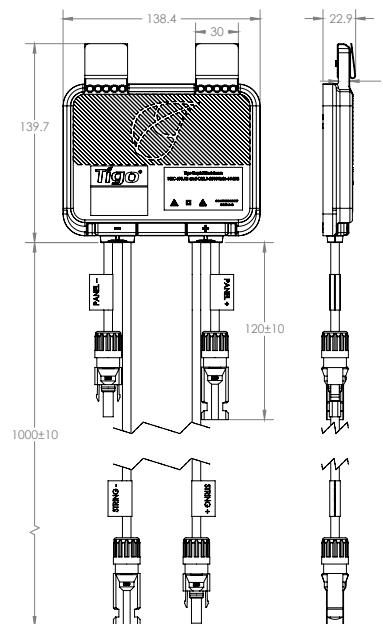
## Electrical

Voltage Range	16 - 90V
Maximum Continuous Input Current (I <sub>MAX</sub> )	12.5A
Maximum Power	500W
Output Cable Length	1.2m (standard)
Connectors	MC4 compatible (standard)
Communication Type	PLC (SunSpec compatible)

Rapid Shutdown UL Listed  
(NEC 2014 & 2017 690.12)

Yes

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



# ORDERING INFORMATION

## Standard

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

## Options

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

458-00257-00 1000V UL / TÜV, 1m cable, MC4 compatible

458-00252-12 1000V UL / TÜV, 1m cable, MC4

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

458-00261-12 1500V UL / TÜV, 1m cable, EVO2

## For sales info:

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## For product info:

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