



## 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

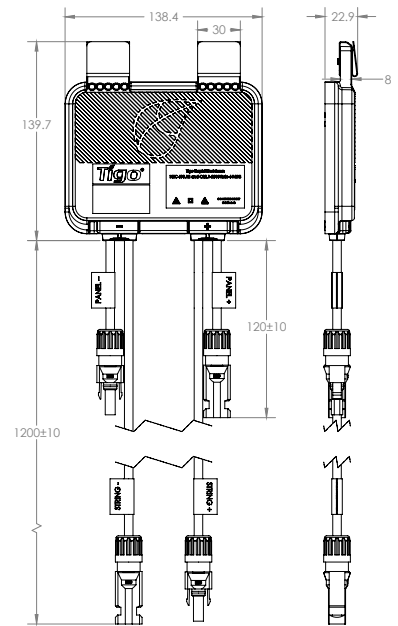
Output Cable Length 1.2m (standard)

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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