Tigo® Flex MLPE

TS4-A-2F
PV Module Advanced Add-On

The TS4-A-2F (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-2F 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

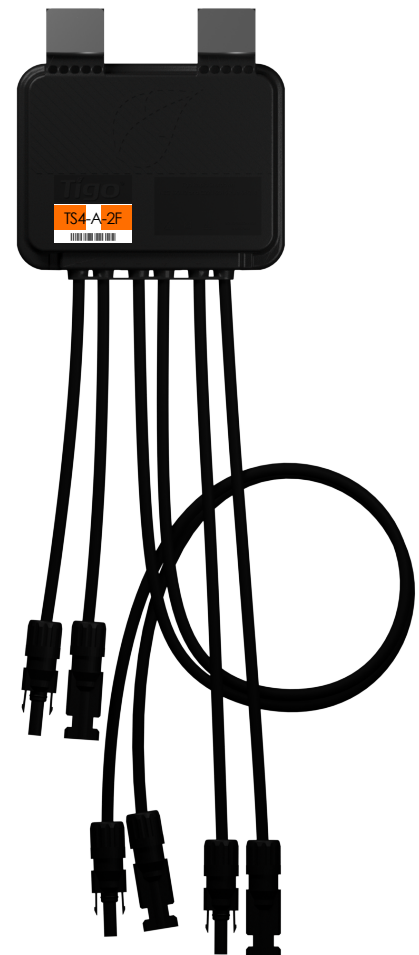Enhanced **safety** for NEC 690.12 rapid shutdown compliance

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-2F SPECIFICATIONS

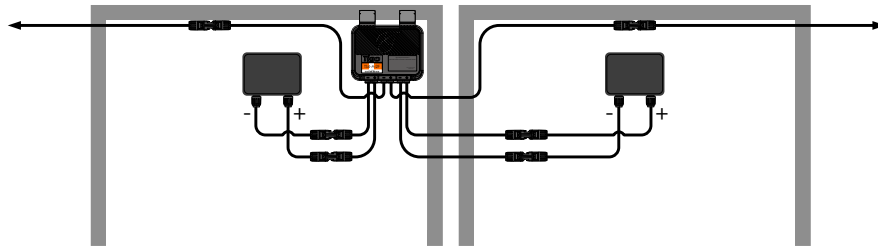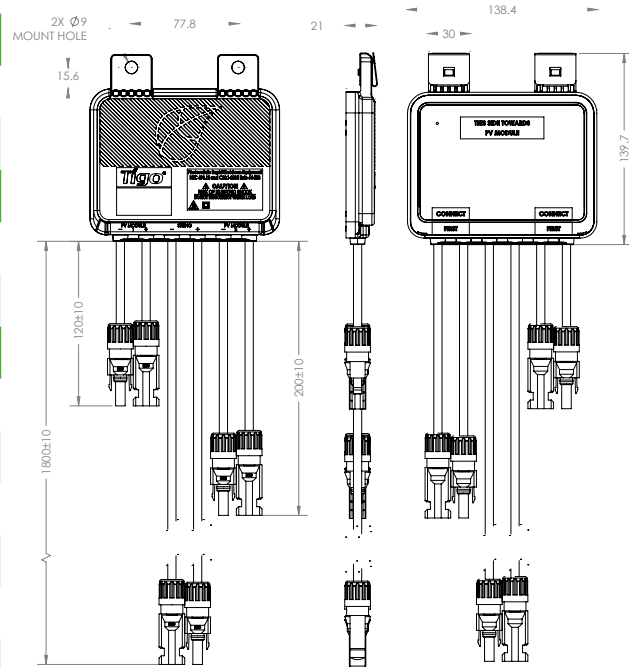| Environmental	
Operating Temperature Range	-40°C to +70°C (-40°F to +158°F)
Outdoor Rating	IP68, NEMA 3R
Mechanical	
Dimensions	138.4mm x 139.7mm x 22.9mm
Weight	590g
Electrical	
Voltage Range (per input)	16 - 90V
Maximum Current (per input)	15A
Maximum Power (total)	1000W
Output Cable Length	1.2m or 2.2m
Connectors	MC4 (standard)
Communication Type	PLC
Rapid Shutdown UL Listed (NEC 2014 & 2017 690.12)	Yes

Rapid shutdown activation of TS4-A-2F requires RSS Transmitter.

Installation example: Serial connection of two PV modules to a TS4-A-2F

ORDERING INFORMATION

Standard	
484-00252-12	1500V UL, 1.2m cable, MC4
484-00252-22	1500V UL, 2.2m cable, MC4

For sales info:
sales@tigoenergy.com or 1.408.402.0802

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

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