TS4-F

Fire Safety

TS4-F is a rapid shutdown solution that pairs with an integrated modular junction box base (TS4-F). Install with Tigo RSS Transmitter for rapid shutdown activation.

Features

- Meets NEC 690.12 rapid shutdown requirements
- Module-level deactivation
- Automatic or manual shutdown
- PLC signaling

Protect your investment by enhancing safety with TS4-F

- UL-Certified for TS4-B (integrated)
- Uses Tigo's Ultra High Definition (UHD) Core technology for superior performance
- Refer to UL QIJS PVRSS listing for rapid shutdown system listed inverters

Deploy TS4-F to prevent fire damage caused by faulty installations, defective equipment, or other environmental hazards.

This product is patent protected

Meet rapid shutdown specifications with TS4-F

Tigo has further expanded its smart module platform with the TS4-F Fire Safety cover. TS4 increases your freedom of choice by allowing you to select the right features for each project and budget.

Electrical	
Voltage Range	16 - 90V
Maximum Current	15A
Maximum Power	475W
Communication Type	PLC
Impedance Matching Function	No
Output Voltage Limit	No
Rapid Shutdown UL Listed (NEC 2014 & 2017 690.12)	Yes

Mechanical	
Operating Temperature Range	-40°C to +85°C (-40°F to +185°F), RH < 85%
Storage Temperature Range	-40°C to +85°C (-40°F to +185°F), RH < 60%
Cooling Method	Natural Convection
Dimensions (base with cover)	152.5mm x 108mm x 25.3mm
Weight (base and cover)	670g
Outdoor Rating	IP67/IP68, NEMA 3R

Cabling	
Type	PV Wire
Output Cable Length	1.0m (standard), 1.2m (optional)
Rating Options	1000V (standard), 1500V (optional)
Cable Cross-Section	6.3 ± 0.3mm
Connectors	MC4, MC4 comparable, EVO2
Maximum String Voltage	1500V UL/IEC[1]

[1] All TS4 covers are 1500V compatible. Specify max system voltage when ordering modules with TS4 bases for appropriate cables & connectors.

Rapid shutdown activation of TS4-F requires RSS Transmitter.

Diodes + Fire Safety
TS4-F

Photovoltaic Rapid Shutdown System Equipment -Component, QIJW2

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