

TS4-F

Module-level Shutdown with PLC



TS4-F is a module-level shutdown solution that pairs with an integrated modular junction box base (TS4-F) or as a retrofit/add-on unit (TS4-A-F). Install with Tigo RSS Transmitter for shutdown activation and test communication with Tigo's RSS Signal Detector..

Features

- Module-level deactivation
- Automatic or manual shutdown
- Power line communication (PLC) signaling

Protect your investment by enhancing your PV system with TS4-F

- Available as integrated or add-on/retrofit units
- Uses Tigo's Ultra High Definition (UHD) Core technology for superior performance
- Works with more than 2,000 inverter types



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

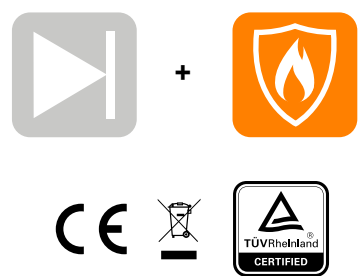
Tigo[®]



Meet module-level shutdown specifications with TS4-F

Tigo has further expanded its smart module platform with the TS4-F 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
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	IP68
Maximum Elevation	2000m
Cabling	
Type	H1Z2Z2-K
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 TÜV-approved



¹ All TS4 covers are 1500V compatible. Specify max system voltage when ordering modules with TS4 bases for appropriate cables & connectors.
PV shutdown activation of TS4-F requires RSS Transmitter.

For sales info:
sales@tigoenergy.com

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

