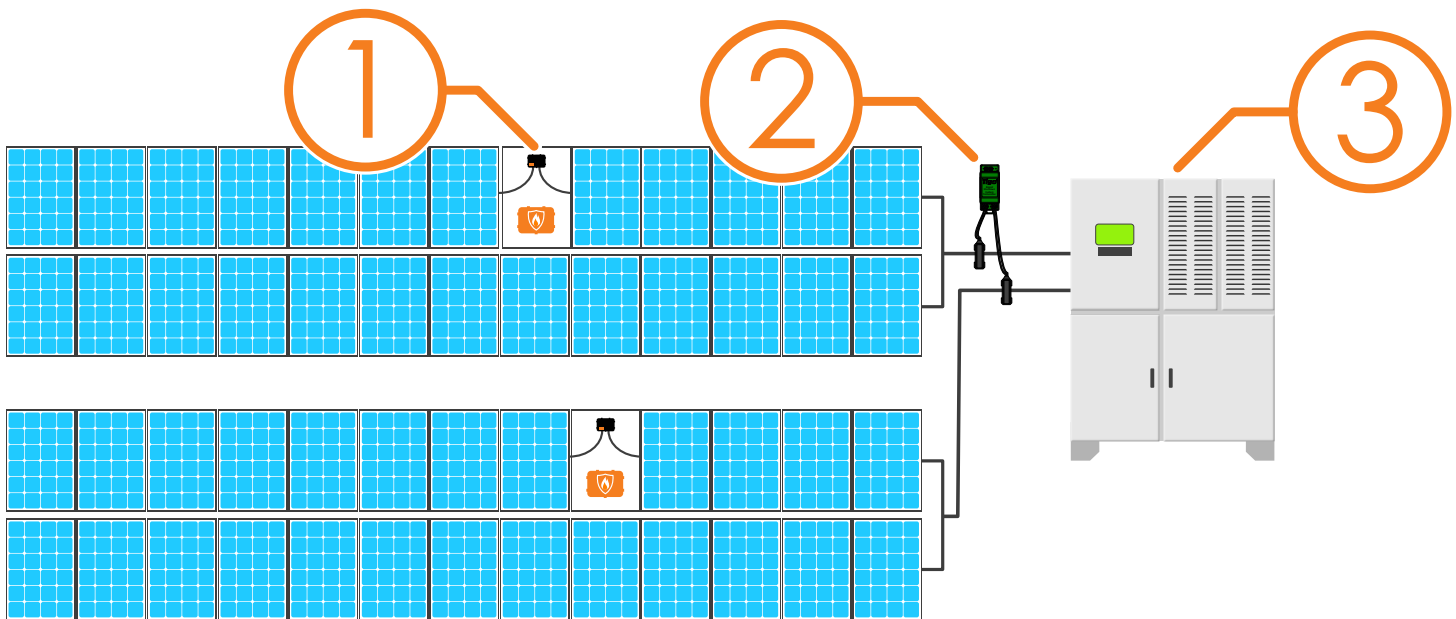# Tigo® Flex MLPE

RSS TRANSMITTER - COMMERCIAL
Rapid Shutdown Activator for TS4-F

The Tigo Rapid Shutdown System (RSS) Transmitter is part of a rapid shutdown solution when paired with Tigo TS4-F (Fire Safety), a PV module rapid shutdown unit. While powered on, the RSS Transmitter sends a signal to the TS4-F units to keep their PV modules connected and supplying energy.

TS4-F units automatically enter rapid shutdown mode when the RSS Transmitter is switched off and resume energy production when power is restored to the RSS Transmitter. This solution complies with NEC 690.12 specifications for 2014 and 2017 and is compatible with SunSpec signaling for rapid shutdown. The RSS Transmitter and TS4-F are compatible with many inverters and modules.

The RSS Transmitter - Commercial also includes two RSS Cores and a 480/277V_{AC} power supply.

1. Modules equipped with Tigo TS4-F (Fire Safety)
2. Tigo RSS Transmitter and RSS Core
3. Inverter

RSS TRANSMITTER - COMMERCIAL

Meets NEC 690.12 requirements

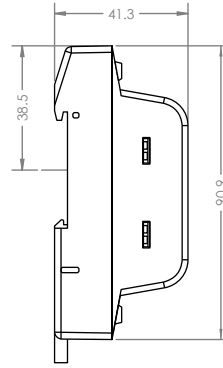Module-level deactivation with TS4-F
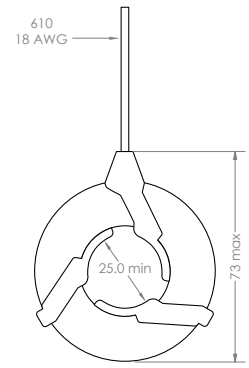
Automatic or manual shutdown

Includes two RSS Cores

Includes 480/277V_{AC} power supply

RSS Transmitter - Front View

RSS Transmitter - Side View

RSS Core - Side View

All dimensions in mm.

Input	
RSS Transmitter Input Voltage: 12V_{DC}	
RSS Transmitter Input Current: 1A	
DIN Rail Power Supply	
Commercial: 200-500V_{AC} Input, 12V_{DC} Output, 125.2mm x 40mm x 113.5mm	
RSS Core	
Max Current: 150A per RSS Core (Single Core: 150A, Dual Core: 300A)	
Max String Voltage: 1500V_{DC}	
Max Number of Strings per Core: 10	
Max Supported PV Modules per String: 30	
Environmental	
Operating Temperature Range: -40°C to 85°C	

ORDERING OPTIONS

493-00000-20	Commercial Dual Core RSS DIN Rail Transmitter, 480/277V_{AC} Power Supply

For sales info:
sales@tigoenergy.com or 1.408.402.0802

For technical information:
http://support.tigoenergy.com

For product info:
Visit www.tigoenergy.com/products

For technical info:
http://support.tigoenergy.com

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

Photovoltaic Rapid Shutdown System Equipment, QIJW

Tigo®