



TS4-A-S

Module-level monitoring and rapid shutdown

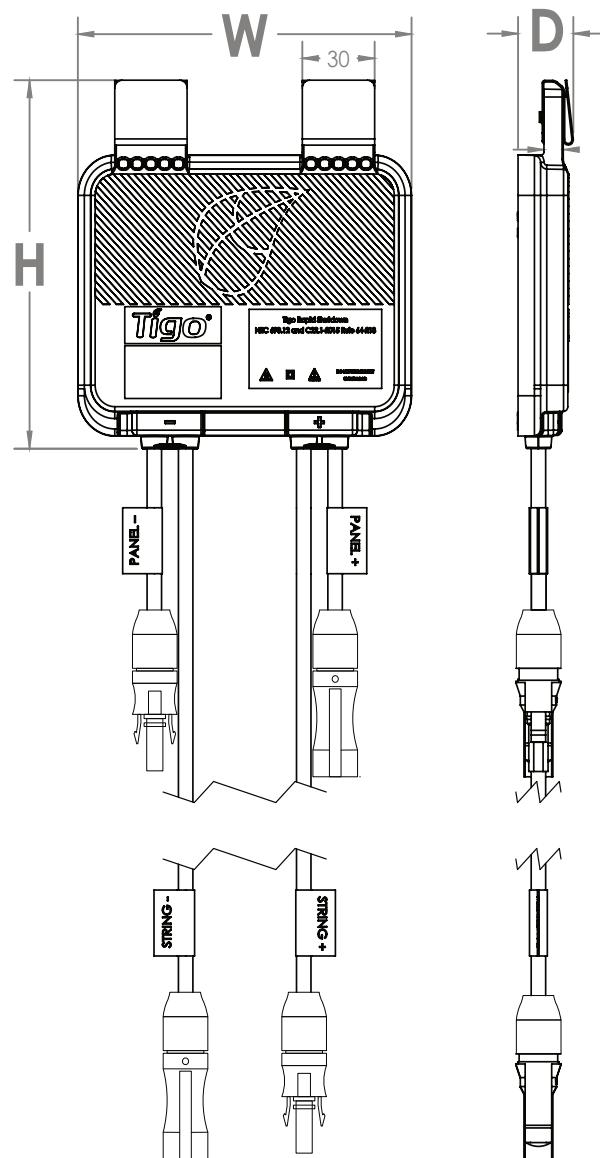
The Tigo TS4-A-S improves module safety and intelligence in new designs and existing systems. Patented technology delivers top performance with high efficiency for a fast ROI. Easy installation and long-term reliability reduce system downtime and truck rolls, while Tigo's Energy Intelligence platform enables quicker onsite commissioning and comprehensive remote monitoring.

Features

- Simple, fast installation – snap to a standard PV module frame or mount to racking
- Module-level monitoring – full visibility into module- and system-level production
- Rapid shutdown – a UL/NEC-certified component for photovoltaic rapid shutdown systems (PVRSS)
- Works with any system – fully compatible with thousands of different inverter models from more than 50 inverter brands
- 25-year warranty
- Monitoring, rapid shutdown, and remote troubleshooting with TAP and CCA

Quick Specs

Height/width/depth	139.7 x 138.4 x 22.9mm (5.5 x 5.4 x 0.9in)
Weight	490g (1.1lbs)
Operating temperature range	UL: -30 – 75°C (-22 – 167°F) IEC: -40 – 85°C (-40 – 185°F)
Maximum elevation	2000m (6560ft)
Maximum current (I_{MP})	15A
Maximum power	700W



Electrical

Maximum input voltage (V_{OC} at lowest temperature)	90V
Input voltage range	16 – 90V
Maximum input current (I_{MP})	15A
Maximum power	700W
Recommended fuse rating	20A
Conductor AWG	12
Rapid shutdown time limit	$\leq 30s$
PVRSE controlled conductors	$\leq 240VA$, $\leq 8A$, $\leq 30V_{DC}$

Operational Output (connected to inverter)

Maximum output current	$I_{DCU\ MAX}$
Maximum output voltage	$V_{DCU\ MAX}$

Connections¹

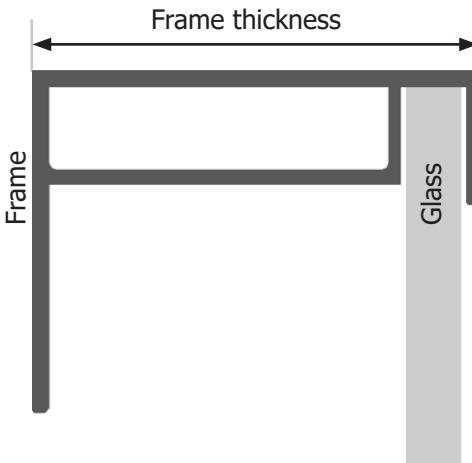
Input (from module) cable length	0.12/0.62m
Output (to string) cable length	1.2m
Connectors	MC4, EVO2

Environmental

Operating temperature range	UL: -30 – 75°C (-22 – 167°F) IEC: -40 – 85°C (-40 – 185°F)
Storage temperature range	-40 – 85°C (-40 – 185°F)
Outdoor protection rating	IP68/NEMA 3R
Relative humidity	0 – 100%

¹ Contact Sales for different options. Minimum order quantities may apply.

Module Mounting



If frame thickness is $\leq 35mm$ (1.4in), install with the TS4 label facing the PV module.

Ordering Information

466-00252-32	TS4-A-S, 15A, 700W, 1500V UL/1000V IEC, 0.12/1.2m cables, MC4
466-00252-62	TS4-A-S, 15A, 700W, 1500V UL/1000V IEC, 0.62/1.2m cables, MC4
466-00261-32	TS4-A-S, 15A, 700W, 1500V UL/IEC, 0.12/1.2m cables, EVO2
466-00261-62	TS4-A-S, 15A, 700W, 1500V UL/IEC, 0.62/1.2m cables, EVO2

Resources



Tigo TS4-A-S



Tigo TAP



Support



Community



Tigo CCA