



Transmitter Datasheet

HT10-Kit

Description

Hoymiles Transmitter HT10-Kit is part of a rapid shutdown solution when paired with Hoymiles rapid shutdown HRSD. While powered on, HT10-Kit sends a “permission to operate” signal to HRSD to keep the PV modules connected in series to the string inverter and producing power.

PV system equipped with HRSD and HT10-Kit enters module-level rapid shutdown by simply disconnecting the AC power of the Transmitter during emergencies.

Hoymiles Transmitter Outdoor Kit includes one Transmitter, one or two cores, 85~264V power supply and outdoor enclosure.

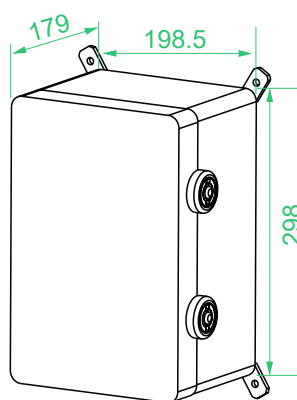
Features

- 01 Module-level rapid shutdown with Hoymiles HRSD
- 02 Realize rapid shutdown by simply powering off the transmitter or using an external initiator
- 03 Equipped with single/dual core
- 04 Meets NEC2017&NEC2020 (690.12) and SunSpec RSD requirements
- 05 Weatherproof outdoor enclosure
- 06 Includes power supply

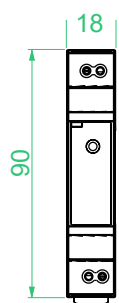
Technical Specifications

Model	HT10-Kit
Electrical	
Power Supply Input Voltage	85-264VAC
Transmitter Input Voltage	12VDC (+/-2%)
Transmitter Input Current	1A
Communication Type	SunSpec PLC
Core	
Max. Number of Configure Core	2
Max. Current per Core	75A
Max. String Voltage	1500VDC
Max. Number of Strings per Core ¹	5
Mechanical	
Dimensions	198.5 x 298 x 179 mm
Mounting Type	Wall mounted
Environmental	
Operating Temperature Range	-40°C to +85°C (-40°F to +185°F)
Outdoor Rating	IP65/NEMA4
Compliance	
Safety	UL1741, CSA C22.2 No. 330-17
EMC	FCC Part15 Class B, ICES-003

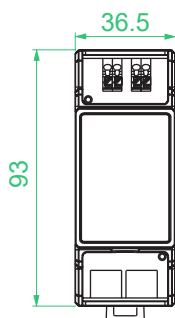
*1 According to the cable diameter Φ 6 mm, if cable diameter is more than Φ 6 mm, Strings Per Core will be reduced. Care should also be taken not to exceed the allowable current.



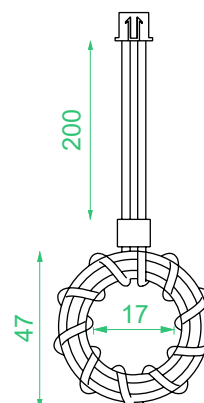
Unit : mm



Power Supply (optional)



Transmitter



Core-75A