

# 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

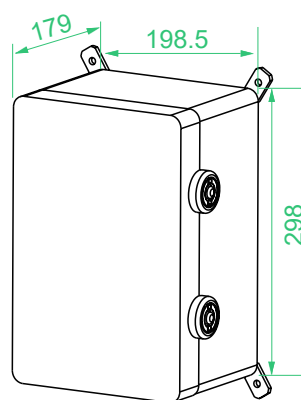
06

Includes power supply

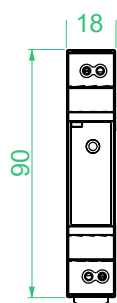
## Technical Specifications

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	150A
Max. String Voltage	1500VDC	
Max. Number of Strings per Core <sup>1</sup>	5	15
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	

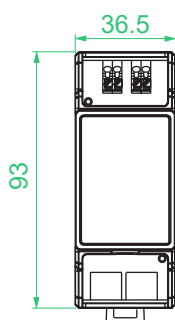
\*1 According to the cable diameter  $\Phi$  6 mm, if cable diameter is more than  $\Phi$  6 mm, Strings Per Core will be reduced. Care should also be taken not to exceed the allowable current.



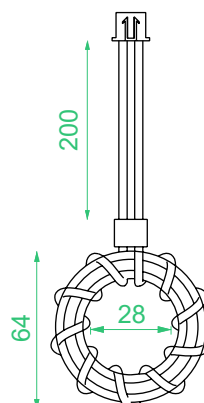
Unit : mm



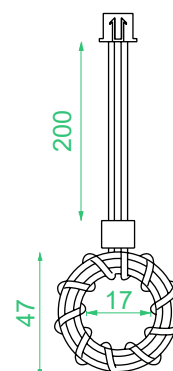
Power Supply  
(optional)



Transmitter



Core-150A



Core-75A