

PULL ON CURRENT TRANSFORMER, WATTROUTER COMPATIBLE, 100A

USER MANUAL

Importer: SOLAR controls s.r.o.

PURPOSE

The current transformer is designed for WATTrouter installations in places where it would be difficult to place the original current sensing module, or there is a need to measure higher currents.

CONNECTION

The current transformer can be installed by simply plugging it onto the primary phase wire.

Connect the secondary winding outlets to the common terminal (GND terminal for models WATTrouter M & ECO, Y terminal for WATTrouter Mx) and the respective current sense terminal I_{Lx} (eg. I_{L1}). Orientation can be arbitrary, you can set the direction of measured currents as usual in the WATTconfig software. The current transformer has protection when secondary circuit is left open to avoid transformer damage and/or high voltage on its outlets. However, we recommend that you either remove the transformer or short circuit both outlets when removing the WATTrouter controller.

SPECIFICATION

Parameter	Value, note
Maximum primary current (main circuit breaker value)	100 A
Transfer ratio	1000:1
Accuracy class	1.0
Open secondary circuit protection	Yes
Profile	Cylindrical
Outside diameter	37 mm
Hole diameter	12 mm (max. wire diameter ca 11 mm)
Height	14 mm
Length of secondary winding outlets	0.5 m
Diameter of secondary winding outlets	0.5 mm
Product code	53638