

TITAN

T-CR-(WS/WF/CN)

TECHNICAL SPECIFICATIONS

Electrical ⚡

- AC Supply voltage: 100 VAC ~ 240 VAC 50 / 60 Hz.
- Consumption: Max 3.0 W.
- Operating temperature 10 ~ 65 °C.
- Supply voltage in DC: 24 VDC (optional).
- Supply voltage in DC Solar cell: 5VDC 10 W and 20 W. (optional).

Processor 🧠

- 32-bit DUAL CORE XTENSA® LX6.
- Clock speed: Between 160 MHz and 240 MHz.
- 520 kB SRAM memory.
- 4 MB FLASH memory.

Case 📦

- Dimensions: 148 x 150 x 83 mm
- Certification: NOM
- Material: ABS Polymer
- Protection: IP66
- Storage Temperature: -20 ~ 80°C
- Operating Humidity: 5 ~ 90% HR

Optional Connectivity 📶

- Model T-CR-WS:
 - Sigfox : RCZ2 902 MHz.
 - Sigfox : RCZ4 920 MHz.
 - Sigfox : RCZ1 868 MHz.
- Model T-CR-WF:
 - Wi-Fi: 2.4 GHz b/g/n.
- Model T-CR-CN:
 - GSM: 3G - 3.5 G (Multicarrier)
- Model T-CR-LW:
 - LoraWan 868 MHz.
 - LoraWan 915 MHz.

Inputs and Protocols 📡

- 3 analog inputs for TC's.
 - 3 channels of TC's sensors.
 - Measurement range: 0.2Amp to 600 Amp.
 - It admits 3 models of TC's current transformers (100 Amps, 400 Amps, 600 Amps).



TC's measurement window: 13 mm, 36 mm.

Frequencies 50 and 60 Hz.

AC energy measurement.

Measurement accuracy +/- 2%.

Maximum cable distance: up to 25 meters twisted pair.

Configuration and calibration by wifi interface.

Alert configuration.

- 3 Screw Terminal Block with 2 Pins (16 ~ 26 AWG).
- 2 gland connectors (M16 IP66).
 - 1 Gland for voltage supply.
 - 1 Gland for Signals.
- Straight SMA female connector (antenna).

Indicator Led's 💡

- 1 Power LED (PWR) - Green.
- 1 Start / Operation LED (RUN) - Red.
- 1 Communication LED (COM) - Red.
- 1 WiFi LED (WIFI) - Red.
- 1 Voltage Supply LED (AC) - Red.

TITAN | T-CR-WS for measuring electrical current up to 3 phases, it is a specialized device for wireless monitoring of variables such as:

- Measurement of electrical current (amperes).
- Measurement of electrical current in single-phase, two-phase and three-phase electrical loads.
- Alerts on electrical current measurements (amps).