

Description

The Sensus TC240RAC-S is a multi-function switch for use in residential and commercial applications. The TC240RAC-S includes a high power 2 watt FlexNet radio which allows direct tower to LCM two way communication with no need for pairing to a meter or other devices.

The Sensus LCM provides value on top of any FlexNet deployment and can be deployed on any home or business to control HVACs, pool pumps, water heaters and irrigation pumps.

The TC240RAC-S is compact and attractive, while hosting up to three control relays, including one 30 Amp 240 VAC form "C" relay and two each 1 Amp 24 VAC relays. The form "C" relay may also be wired as a form "B" configuration for even more installation options. The relays operate based on the selected device classes on the software application. This will trigger the 30 Amp and/or one or more 1 Amp relays.



(Shown without optional junction box)

Features

Applications

- Air conditioning compressor
- Pool pumps
- Heat pumps
- Hot water heaters
- Irrigation control

Communications

- Full two way FlexNet capable
- Integral FlexNet 2 watt radio
- Software definable radio capable of numerous FlexNet frequency options
- Communication Encrypted with AES 256
- Supports firmware download over the air
- Internal Antenna
- Communication Diagnostics from FlexNet RNI

Switch Capability

- One 30 Amp 240VAC form C relay
- Two 1 Amp 24VAC relays

Specifications

- LED state indicators
- Operating Temperature: -20 to +65 Deg C
- Enclosure: High Impact Polycarbonate
- Dimensions
 - Height: 4.43 in (11.25 cm)
 - Width: 5.07 in (12.88 cm)
 - Depth: 2.50 in (6.35 cm)
- Complies with Industry Standards
 - FCC Part 15
 - UL 916
 - CSA C22.2 No. 205

Application Support

- Demand Response and Load Control Events supported
- Event Randomization
- Event Duty Cycle
- Tamper Alarms
- Load Sensing*
- Cold Load Pickup*
- Sensus Headend system RNI 3.1 SP2 or later
- Installation supported with FieldLogic Connect hand held tool

*Feature coming in a future firmware version upgradeable over the air.

Options

- An optional junction box is available for wiring.