

LIMELIGHT RSM INTERFACE ASSEMBLY

Specification Sheet:

Part Number: TT10176-02
Power Requirements: 102-318 VAC RMS, 50/60 Hz
 3 Watts max (no load draw)

Operating Temperature: -30C to +70C

Ratings: UL244A
 IP65
 FCC15.247



This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Housing:

Dimensions: 285.75 x 97.4(mm)
Materials: Housing – Aluminum
 Dome – Polycarbonate – clear
 Housing O-Ring – edpm ethylene polypropylene

Circuit Card Assembly:

- Operating voltage 102-318 VAC RMS
- Mains Voltage Measurement with 2.5% accuracy typical
- Mains Current Measurement with 5% accuracy typical
- Switched AC Output
 - Relay load 120VAC 3A / 277VAC 1.5A
 - Switch on AC zero-crossing
- UL Class 2 internal Power Supply
- 24vdc (tbdma) output w/ fault detection
- 24vdc input sense
- SPI and RS232 bidirectional serial interface capability
- 0-10vdc Analog output (5ma)
- 0-10vdc Analog input sensing
- Integrated Radio transceiver
 - Multi-channel RF Zigbee Transceiver with integrated antenna
 - FCC Approved Title 47 Part 15 Subpart B and Subpart C. section 15.247 for Digital Transmission Systems Operating within the band 2400-2483.5Mhz
 - RF transmissions security: 128 AES plus application layer

Occupancy Sensor: Wattstopper FS-305

- FS-L2W lens configuraiton
- 24vdc power from Control Board
- Operating Temperature -40C to +55C

External Connections:

18AWG 7x26 Stranded UL1015

- BLK – AC HOT
- WHT – AC NEUTRAL
- RED – SWITCHED AC HOT OUTPUT

22AWG 7x30 Stranded UL11028

- VIOLET – DIMMING DRIVER POSITIVE (0-10VDC)
- GRAY – DIMMING DRIVER GROUND

