

Cinch Systems, Inc.
12075 43 ST NE
St. Michael, MN 55376
763.497-1064

Date 20 April 2015

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Octagon House,
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FCC ID: 2ABBZ-RF-MDWS
IC: 11817A-RFMDWS

We, Cinch Systems Inc, 12075 43 ST NE, St Michael, MN 55376 are requesting a Family Certification for our RF-MDWS-ITI series. The RF-MDWS-ITI series are wireless Door/window transmitters used by a Security System to determine if a door or window has been opened in a protected area. A separate magnet is positioned in close proximity to the sensor, so that opening the door or window causes it to move away from the sensor. The transmitter operates at a frequency of 319.508 MHz and utilizes OOK AM modulation.

It is available in four variations, each with 2 part numbers, for a total of 8 part numbers:

1. **RF-MDWS-ITI** is the Mini Door-window sensor, and uses a magnetically operated reed switch to determine if a magnet leaves its normally closed operational area. Alternate part number is
2. Alternate part number is **QS-1116-840**.
3. **RF-HLTS-ITI** is the Temperature sensor-mini and uses different software to enable temperature readings.
4. Identical hardware to the RF-MDWS-ITI. Alternate part number is **QS5515-840**.
5. **RF-MDWSX-ITI** is the Mini Door-window sensor-External terminal, and uses a magnetically operated reed switch or external contacts to determine if a magnet leaves its normally closed operational area.
6. Alternate part number is **QS-1117-840**.
7. **RF-MDWSX-Water-ITI** is the Mini Door-window sensor-Water, and uses an external contact to determine if water is present.
8. Identical hardware to the RF-MDWSX-ITI. Alternate part number is **QS5516-840**.

Sincerely,



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