

For Snowmelt Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

PM-HSC5 Slab Sensor

Remote snow/ice slab sensor

The PM-HSC5 is a 24 volt, self contained snow and ice detector intended to be installed in a concrete slab or other masonry material. Each PM-HSC5 is designed to operate on supplied 24 V power. The snow sensor is heated to allow for snow, ice, or freezing rain to melt, allowing proper detection of environmental conditions.

Specifications

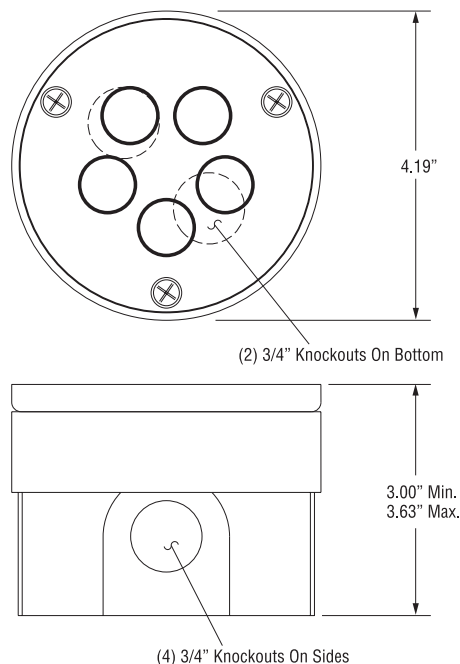
Supply Voltage	24 VAC
Slab Trigger Temperature	38°F
Run Time	5 hour, fixed
Relay	24 V, 2 Amp Max.

Installation

The PM-HSC5 sensor should be mounted in a concrete slab or other masonry material so that the top of the sensor is level with the surrounding surface. Sensor should be placed in a location that is exposed to traffic, helping to keep the sensor surface clean of debris. The sensor can be placed in any location as long as the moisture grid is exposed to a clear view of the sky and any precipitation. Do not install the sensor where it will not be exposed to the elements, such as under parked vehicles. The moisture grid should not be mounted directly under trees, bushes, overhangs, or other obstructions that can block precipitation from reaching the moisture grid.

The PM-HSC5 measures pavement temperature by compensating for its internal heating element. This eliminates the cost and complexity of a separate pavement temperature sensor. Place the sensor close to the deicing heater to ensure the pavement and sensor become dry at about the same time.

Wire the controller in accordance to provided schematics.



The PM-HSC5 is a slab mounted snow detector, designed to be embedded in a concrete slab, or other masonry material.

Product Options

Description	Order #
PM-HSC5 Sensor	81012366

⚠ WARNING: General Safety Instructions

- THIS UNIT SHOULD BE INSTALLED ONLY BY QUALIFIED PERSONNEL!**
- Disconnect all power from the control, or any associated equipment, before opening the front cover plate.
- Limit input voltage to 24 VAC

ProMelt™
Electric Snow and Ice Melting

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

Maximum 100A Heating Load
 120/208/240VAC
 2 circuits
 Slab-mount sense

