

## LCD<sup>®</sup>-3 240 VAC Snow Switch<sup>®</sup>

<u>Part Number</u>	<u>Description</u>
19040	LCD-3 Snow Switch (UL Listed) 240 VAC

Mount sensor securely in upright position in clear (open) area typical of area to be melted, either above roof line or removed from building as to not be protected from the falling snow

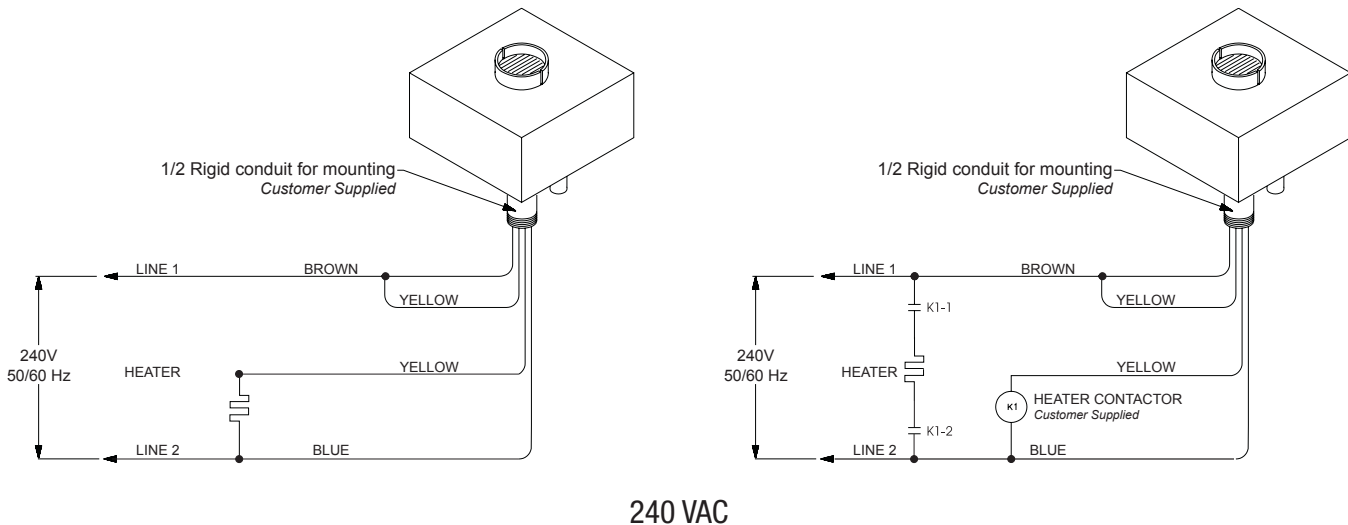
**AVOID** overhead trees, shrubs, wires, eaves, etc., and falling or blowing debris.

**AVOID** vehicle and foot traffic. Do not create a safety hazard.

**AVOID** exposure to artificial heat sources and excessive shock and vibration.

Install per all applicable electrical and building codes and regulations.

**INSTALL IN ACCORDANCE WITH THE REQUIREMENTS OF ALL APPLICABLE ELECTRICAL AND BUILDING CODES AND REGULATIONS. ENSURE THAT ALL CONDUIT/CABLE TERMINATIONS ARE WATERTIGHT.**



### Post-installation Snow Switch® test

Most problems result from installation errors. Before testing, verify that unit is properly installed.

1. Connect power to snow melting system. Wait fifteen seconds, system should not actuate.
2. Using ice water or other cooling agent cool ambient air temperature sensor below 38°F(3.3°C) system should not actuate. Apply moisture to moisture sensing grid, system should actuate in less than 15 seconds. Note: The LCD-3 will not switch below 17°F(8.3°C.)
3. Dry moisture sensing grid. Disconnect power to snow melting system. Wait one minute, then reconnect power. If system actuates ensure sensing grid is dry and ambient air temperature is above 38°F(3.3°C), then repeat this step.

	LCD-3 240 VAC
<b>Operating temperature</b>	
Range (Min/Max)	-40/140°F (-40/60°C)
Setting	38°F (3.3°C)
Tolerance (+/-)	1.5°F (-17°C)
<b>Lockout temperature</b>	
Setting	17°F (-8.3°C)
Tolerance (+/-)	2°F (16.6°C)
<b>Hold-On Timer</b>	
Nominal timer	1 Hr.
Tolerance (+/-)	1%
<b>Output Relay</b>	
Rated Voltage (volts a-c 50/60 Hz)	240 Volts
Maximum Load	16 Amps
<b>Supply</b>	
Rated Voltage (volts a-c 50/60 Hz)	240 Volts
Tolerance (+/-)	10%
Maximum Power	5 Watts

### Questions and Comments

For technical help, questions or comments concerning this product or any of Environmental Technology, Inc. products contact Customer Service between 8:00 a.m. and 5:00 p.m. EST.

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