



Rain/Snow Interface for Building Automation Applications

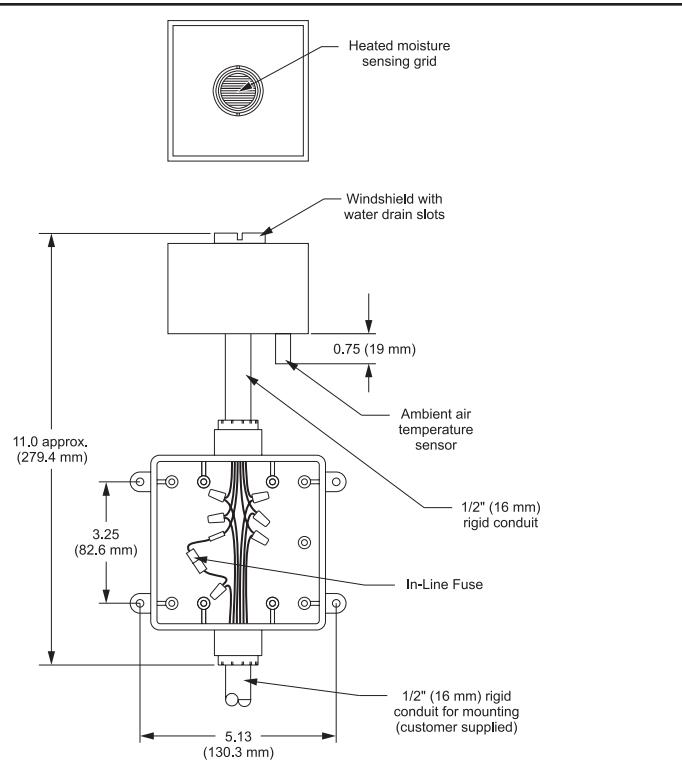
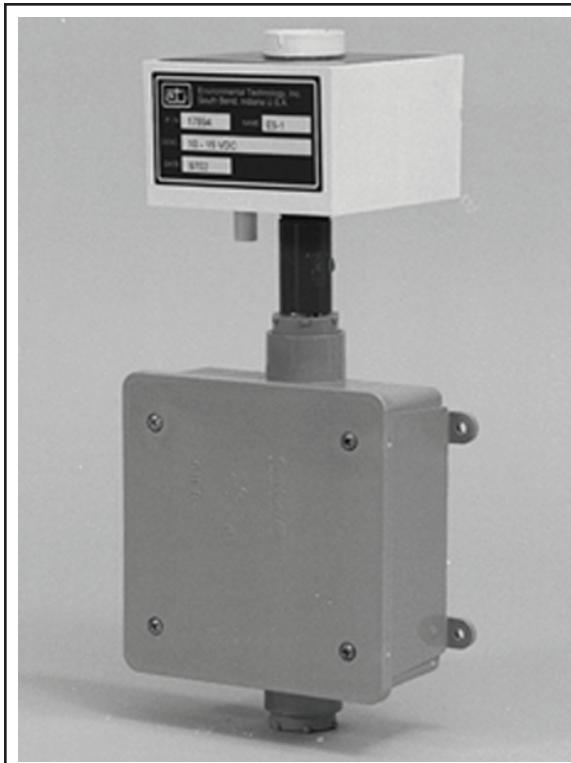
MODEL ES™-1 RAIN/SNOW INTERFACE

DATA SHEET

We Manage Heat®

FEATURES & BENEFITS

- Reliably senses environmental conditions
- Precise control of auxiliary building systems
- Senses both rain and snow
- No operator attention or preventative maintenance required
- Reliable field proven sensor technology
- Simple installation
- Low cost



DESCRIPTION

The Model ES-1 Rain/Snow Interface answers the need for reliable low cost means of determining environmental conditions for commercial and residential building automation systems employing computer or PLC control. Typical of numerous applications include controlling snow melting, awnings and surface water.

The computer controlled ES-1 provides separate isolated reed relays to signal rain and snow. The rain relay operates during precipitation at temperatures above 32°F (0°C) and the

snow relay operates during precipitation at temperatures below 38°F (3.3°C). The ES-1 considers both rain and snow as likely during precipitation at temperatures between 32°F (0°C) and 38°F (3.3°C). The overlap is critical to the control of snow melting systems during the spring and fall when accumulations occur at temperatures above freezing.

The relay contacts provide a simple means for connecting the ES-1 to building automation computers and PLCs in both commercial and residential applications. The NEC Class 2 U-L

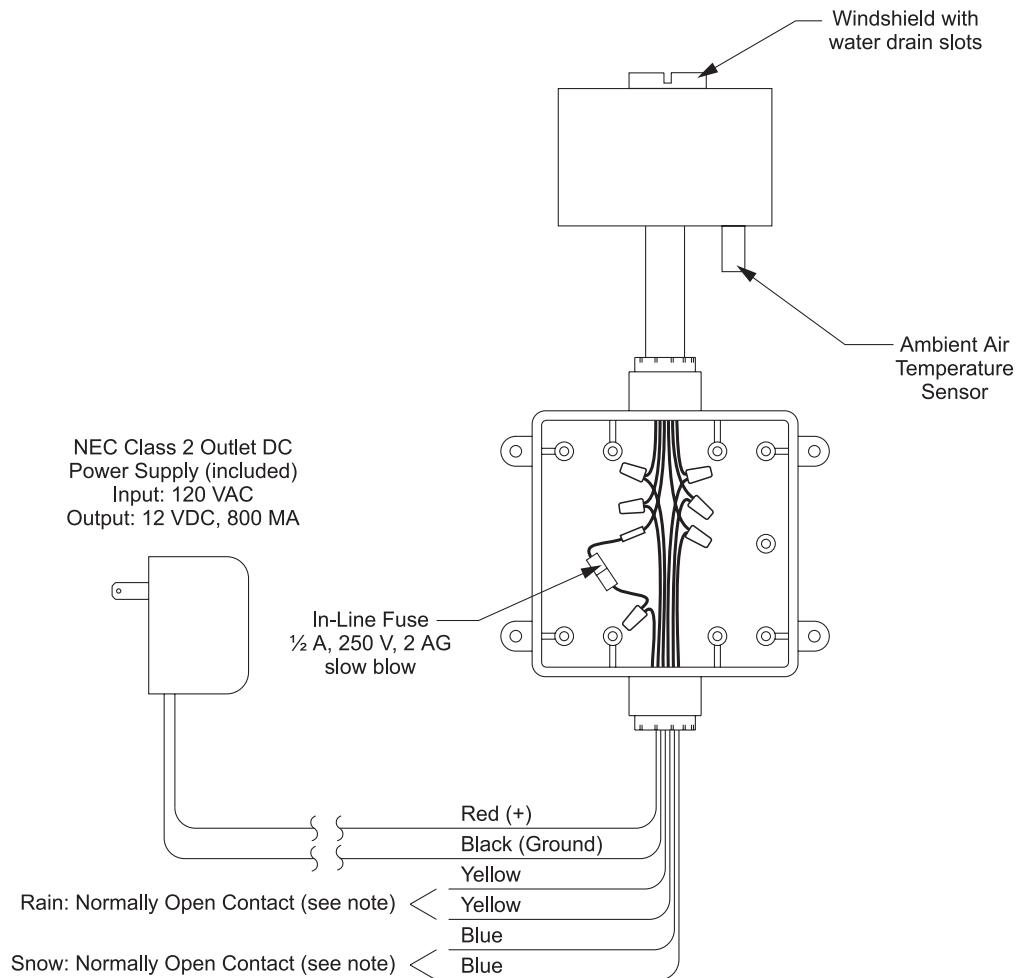
Listed outlet power supply included can provide the 12 to 15 volt 5 watt d.c. power required by the ES-1.

The ES-1 uses customer supplied 1/2" conduit as a mounting means. The interface is placed outdoors at a location exposed to snow and rain but protected from vandalism.

For complete information describing its application, installation and features, please contact Customer Service or check on the web at www.networketi.com.

INSTALLATION

Choose an unobstructed, elevated location exposed to rain and snowfall.



Note: Output relays have dry reed contact rated at 0.5 amps, 10 watts max

ORDERING INFORMATION

Order Number	Description
17894	ES-1 Rain/Snow Interface

LIMITED WARRANTY

ETI's two year limited warranty covering defects in workmanship and materials applies. Contact Customer Service for complete warranty information.

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