



ANTI-SWEAT ENERGY MANAGER

Proven Results

Sensible Energy Management

GLASS SENTRY
Model GSR-OC



REACH-IN SERIES



Small accurate sensors can easily and discreetly be installed.

The "Glass Sentry Reach-in Series" is a diverse series of 4 controllers designed to handle 7A loads typically found in reach-in applications.

The GSR-OC is a dual output control that can control the frame heaters separately from the glass door heaters. One closed loop output can be used to control one heater circuit with the maximum savings and a second open loop algorithm can be used to control the second circuit. This unit can be ordered directly from our factory using our preprogrammed algorithm for the open loop or we can provide the OEM customer with a software tool so that table values can accommodate duty cycle numbers, %RH, hard start times and cycle times.

The unit is compact and will easily fit into the mullion of the frame. It can thereby be installed at the factory or it can be retrofitted in the field.

The *Glass Sentry* line is the "Go To" line for anti-sweat heater controls. We have been the leader in this market for over 15 years. All of our products are UL recognized and we offer private labeling options. We regularly sign nondisclosure agreements with OEMs and work with them to provide proprietary controllers for their particular corporation.

Distinct Advantages of GSR-OC:

- | Only runs the heaters enough to keep the temperature of the glass above the dew point
- | Built in intelligence of a closed loop system automatically adjusts one output as conditions in the store change while a second output is controlled using an algorithm
- | Dual output allows engineers to use one relay to control the glass door heaters and a second relay to control the frame heaters
- | GSR-OC can control two loads with up to 7 total amps allowing one unit to handle multiple door systems
- | Small highly accurate sensors are easy to install and very discreet



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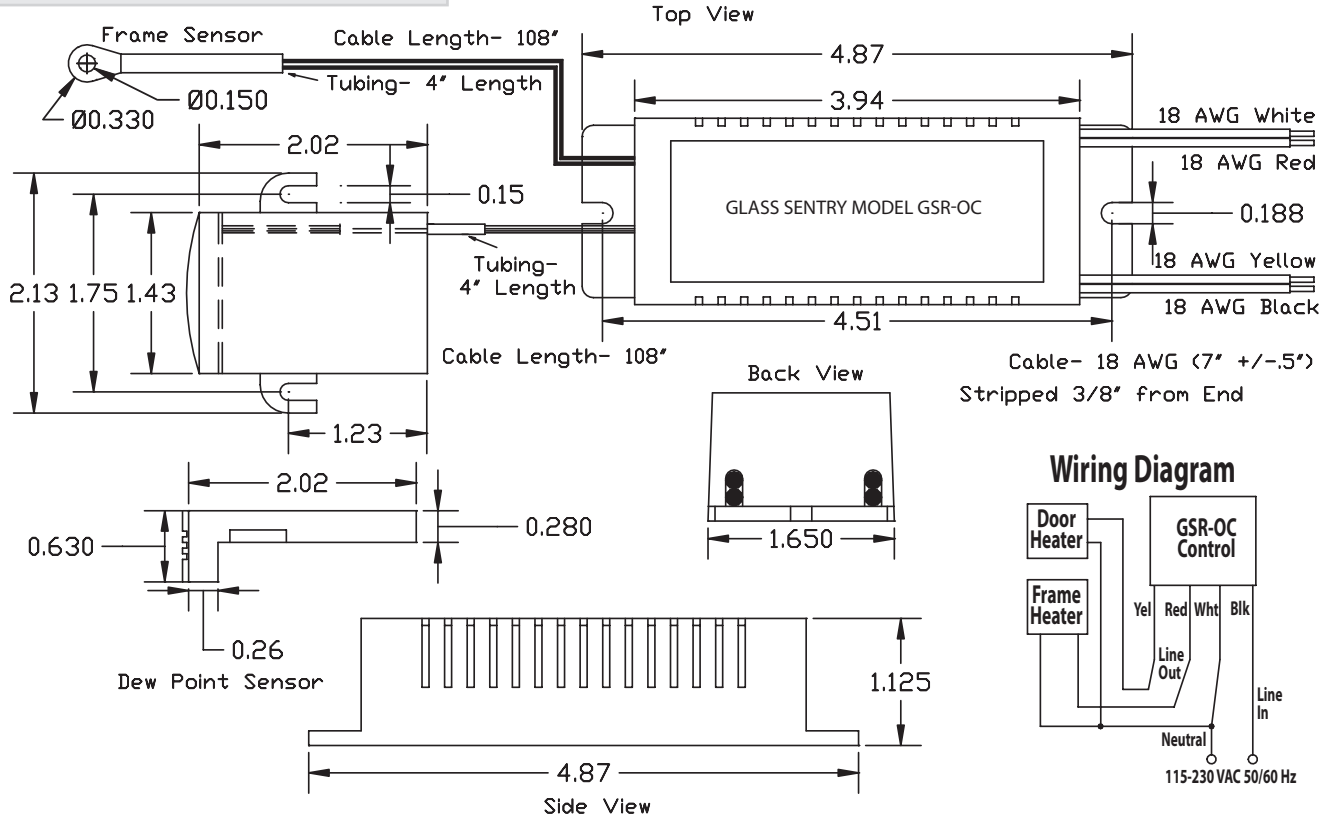


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GLASS SENTRY | MODEL GSR-OC



GSR-OC Specifications:

Input Voltage:	115-230 VAC
Frequency:	50-60 Hz
Heater Start-up Time:	3 minutes
Sensitivity Adj. Range:	0-10% RH
Heater Cycle Time:	3 minutes
Heater On Time:	0-3 minutes
Max. Load Combined Total:	7 Amps 2 Output Total
Max. Ambient Temperature:	70° C
UL:	Recognized

GLASS SENTRY | REACH-IN SERIES GSR-OC

STEP 1 - INSTALL GLASS SENTRY
 The Model GSR-OC is compact enough to be installed inside the mullion or wireway of any door frame system.

STEP 2 - INSTALL SENSORS
 Frame sensor is mounted on the coldest spot of the door frame system while the dew point sensor is mounted on the ledge of the frame.

STEP 3 - SAVE ENERGY AND MONEY
 The Model GSR-OC can save up to 90% of the energy normally used for anti-sweat heating.

