

ANTI-SWEAT ENERGY MANAGER

Proven Results

Sensible Energy Management

GLASS SENTRY
Model GSM-OC



Small accurate sensors can easily and discreetly be installed.

MERCHANDISER SERIES

The "Glass Sentry Merchandiser Series" is a diverse series of 4 controllers designed to handle 3A loads typically found in merchandiser applications.

The GSM-OC is a 2 output unit controlling both the glass door heaters as well as frame heaters with one closed loop system in addition to a second open loop algorithm. This gives engineers the option of controlling one 3 Amp heater circuit with the ultimate maximum savings and then using an open loop algorithm controlling a second 3 Amp circuit.

This unit can be ordered directly from our factory using our preprogrammed algorithm for the open loop. We can also provide the OEM with a software tool with table values that can be filled in with duty cycle numbers and %RH. Hard start times and cycle times can also be modified accordingly.

The unit is compact and will easily fit into the merchandiser. 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 GSM-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
- GSM-OC can control two loads with up to 3 total amps allowing one unit to handle multiple door systems
- Small highly accurate sensors are easy to install and very discreet

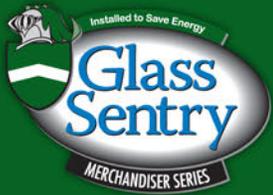


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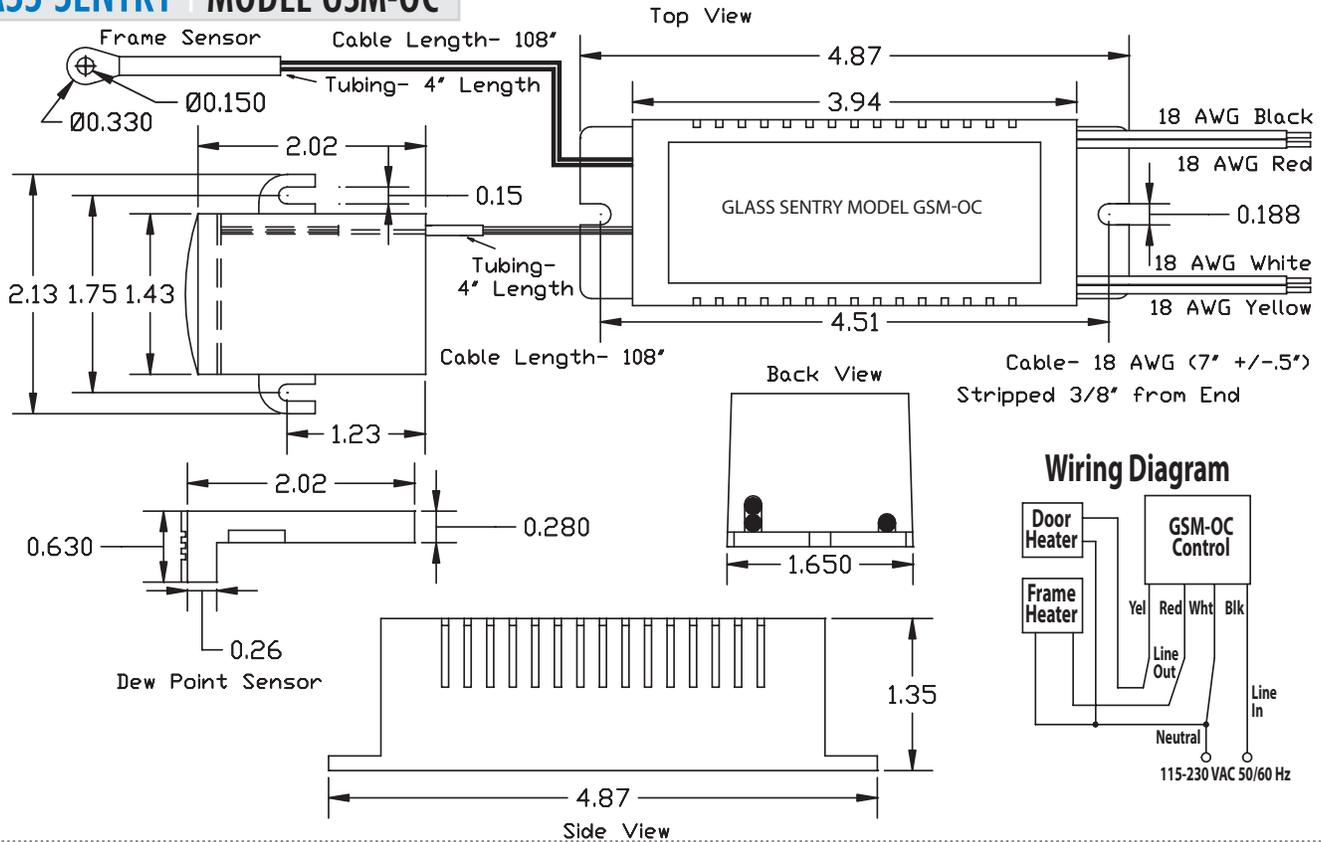


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GLASS SENTRY | MODEL GSM-OC



GSM-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 Per Output:	3 Amps
Max. Ambient Temperature:	70° C
UL:	Recognized

GLASS SENTRY | MERCHANDISER SERIES GSM-OC

STEP 1 - INSTALL GLASS SENTRY
 The Model GSM-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 GSM-OC can save up to 90% of the energy normally used for anti-sweat heating.

