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PASSIVE INFRARED SENSOR GEMC-BSLC-PIR DATA SHEET

WI1901 09/10

SPECIFICATIONS

Coverage (L x W): 50 feet x 50 feet (15.2m x 15.2m) at 68°F (20°C), typical (with High Sensitivity Jumper "SEN" installed) 30 feet x 35 feet (9.1m x 10.6m) at 68°F (20°C), typical (with Normal Sensitivity)

Operating Temperature: 14°F to 120°F (-10° to +49°C)

Mounting: Wall or corner, 6 - 12 feet (3.6m) max.

High Temperature Set Point: 90°F +/- 4°F

Low Temperature Set Point: 40°F +/- 4°

RATINGS

Electrical Ratings

Input Power: 13.6-16.3VDC (supplied by GEMC-BSLC module), 19mA.

Output Power: (not applicable)

Maximum Wiring Length: 2000 feet (#16 AWG). Refer to GEMC-BSLC documentation for complete wiring information.

Unit shall be connected to model GEMC-BSLC which is employed in the GEMC C-Series control panel which is provided with a minimum of 4 hours standby on battery power.

FEATURES

- Advanced Microprocessor-based circuitry
- Utilizes Analog to Digital Signal Conversion
- Unique Passive Adaptive Algorithm optimizes detection
- Exclusive Detect & Compare Imaging Diagnostics D.C.I.D.
- True Room Temperature Measurement provides accurate sensitivity and Room-Temp Alert Features
- Selectable sensitivity
- 40 Element Stacked Array Lens eliminates detection hot spots
- Look Down/Creep Zones provides coverage beneath sensor
- Small Pet and Rodent Immunity (20lbs. maximum) (Not evaluated by UL)
- Dual Mode Multifunction Trouble Output (Temp Alert-Self Test)

- Low Temperature Alert for Heating System Monitoring (a Patented Feature) signals panel if temperature drops below 40°F in the premises
- High Temperature Alert for Cooling System Monitoring (a Patented Feature) signals panel if temperature rises above 90°F in the premises
- Unique circuit design protects against false alarms due to radio-frequency interference
- Vertical and horizontal aiming capabilities
- Small size with ample wiring space
- Flat or Corner mountable to 12 feet
- Swivel bracket for ceiling or wall mounting above 12 feet (SVL2) (Not evaluated by UL)
- Bug Shield

PHYSICAL

Dimensions (HxWxD): 3.3in x 2.5in x 1.9in (8.4cm x 6.4cm x 4.8cm)

Shipping Weight: 5oz. (142g)

AGENCY LISTINGS

UL365: Police Station Alarm Units
UL609: Local Burglar Alarm Units and Systems
UL639: Intrusion-Detection Units
UL1023: Household Burglar Alarm System Units
UL1610: Central Station Burglar Alarm Units
Security Industry Association (SIA) False Alarm Reduction Standard CP-01
FM Approval: (Pending)

ORDERING INFORMATION

GEMC-BSLC-PIR: Addressable SLC Commercial Burg Device - PIR Motion Detector, Range 50'x50'.