

Sensor - Daylight Harvester

Item ALC-DH-BT



PRODUCT DESCRIPTION

The ALC-DH-BT is a light sensor designed for use with the ARISTA® Lighting Controls System by Intermatic. This sensor is used for daylight harvesting applications where energy conservation is essential. This sensor can be used for both open loop and closed loop applications. Pricing is available upon request.

FEATURES

- ▶ Battery or 24 VDC powered.
- ▶ Wired or wireless communications.
- ▶ Toolless battery replacement.
- ▶ Multiple mounting options.
- ▶ Open or closed loop compatibility.
- ▶ Selectable footcandle level settings.

APPLICATIONS

- ▶ Indoor Lighting Control
- ▶ Indoor Sensing Control
- ▶ Daylight Sensing

TECHNICAL DATA

| General                        |                                       |
|--------------------------------|---------------------------------------|
| Model Number                   | ALC-DH-BT                             |
| Description                    | Daylight Harvester                    |
| UPC Code                       | 078275150751                          |
| Brand                          | Intermatic                            |
| Warranty Period                | 5-Year limited                        |
| Country of Origin (Intermatic) | CHINA                                 |
| Control Specifications         |                                       |
| Operation Features             | Light Level                           |
| Operation Mode                 | Daylight Harvesting                   |
| Data Transfer Options          | Bluetooth                             |
| Backup Restoration Time        | 1 Minute                              |
| Backup Type                    | Non-volatile                          |
| Backup Protection Time         | Indefinite                            |
| Application Compatibilities    | ARISTA Controllers                    |
| Function type                  | Light Level Dimming; Scheduled ON/OFF |
| Mechanical Specifications      |                                       |
| Mount Type                     | Ceiling                               |
| Dimensions                     |                                       |
| Product Height (in)            | 4.53                                  |
| Product Height (mm)            | 115.062                               |
| Product Width (in)             | 4.53                                  |
| Product Width (mm)             | 115.062                               |
| Product Depth (in)             | 2.95                                  |
| Product Depth (mm)             | 74.93                                 |

|                       |    |
|-----------------------|----|
| Class 2 Wire Size Min | 22 |
| Class 2 Wire Size Max | 16 |

**Material Specifications**

|          |         |
|----------|---------|
| Color    | White   |
| Material | Plastic |

**Communication Method**

|              |           |
|--------------|-----------|
| Radio signal | Bluetooth |
|--------------|-----------|

**Electrical Specifications**

|                            |                     |
|----------------------------|---------------------|
| Voltage Selection Type     | Selector Switch     |
| Input Voltage Range(s)     | 3 V Battery, 24 VDC |
| Wiring Options Low Voltage | Terminals           |

**Display and Format**

|                  |               |
|------------------|---------------|
| Status Indicator | LED Indicator |
|------------------|---------------|

**Packaging**

|                       |       |
|-----------------------|-------|
| Shipping Weight (lbs) | 0.541 |
| Shipping Weight (kg)  | 0.245 |
| Product Weight (lbs)  | 0.541 |
| Product Weight (kg)   | 0.245 |

**Operating Specifications**

|                      |            |
|----------------------|------------|
| Programming Targets  | Smartphone |
| Tampering protection | Yes        |

**Environmental Specifications**

|                         |              |
|-------------------------|--------------|
| Operating Humidity      | Dry Location |
| Temperature (operation) | 32°F..131°F  |
| Temperature (operation) | 0°C..55°C    |
| Usage Environments      | Indoor       |

**Standards and Certifications**

|                                          |                                             |
|------------------------------------------|---------------------------------------------|
| UL Certification                         | cULus                                       |
| Other Certifications and Compatibilities | ASHRAE 90.1 2016; IECC 2018; Green Energy + |
| California Proposition 65                | None                                        |
| RoHS Certification                       | Y                                           |