The Compact Sensor Station provides real-time weather information to an animeo IP system. A single Compact Sensor Station unlocks powerful environmental automation for an entire animeo IP system. Containing six independent sensors, the Compact Sensor Station monitors wind speed, rain, temperature, and three directions of sun intensity. Any of these sensors can be used in the animeo IP Visual Configuration software to configure Security and Comfort Functions automatically adjusting window coverings ensuring energy efficient building operation.

### Features Summary:
- Six independent Sensors
- Wind Speed
- Heated Rain
- Temperature
- Sun intensity (3)
- Auto-discoverable
- Pole or wall mountable
- Weather tight RJ45 connector

### Technical Specifications:
- **Input:** 24V DC (SDN Bus Power)
- **Power Consumption:** 150mA
- **Material:** TBD
- **Dimensions:** 4.64” L x 3.77” W x 3.03” H
- **IP Rating:** 44
- **Operating Temperature Range:** -22° F to 122° F
- **IEC Application Protection:** Class II
- **Shipping Weight:** 1 lb.

### Sensor Specifications:
- **Sun Sensor**
  - **Resolution:** 1k lux
  - **Range:** 1k lux to 65k lux
- **Rain**
  - **Heating:** 1.2 W when raining or Temperature is below 50F
  - **Range:** Toggle, Rain/ no Rain
- **Temperature**
  - **Resolution:** 1.8F
  - **Range:** -22F to 122F
- **Wind**
  - **Range:** 1.1 mph to 44.9 mph

### What’s in the Box:
- Compact Sensor Station
- Instructions with insert
- Mounting Bracket

### Optional Accessories:
- Bus & Sensor Station Power Supply #1822440
- animeo IP Building Controller #1822314
- Roof Mounting #9014300

### Connections and Indicators:

#### FRONT SIDE
- Element 1: Sensor Bus Connection
- Element 2: Sun Sensor
- Element 3: Sun Sensor
- Element 4: Sun Sensor
- Element 5: Temperature Sensor
- Element 6: Mounting Bracket

#### BACK SIDE
- Element 7: Wind Sensor
- Element 8: Temperature Sensor

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Wiring Best Practices:

The Compact Sensor Station has a single SDN connection which is utilized for communication and power. The sensor connects through the Sensor Bus of any Building controller or Sub Controller in the animeo IP network, it is powered through the SDN bus Power Supply (Part# 1822440, Sold Separately). To connect, use the individual conductors of a cat 5 cable, connect Orange to A and White orange to B on the terminal block of the Building Controller or Sub Controller SDN Sensor bus. Then using an RJ-45 connect to the Data passthrough port on the SDN Bus Power Supply, then the Power/Data Output of the Bus Power supply to the Female RJ-45 on the Compact Sensor. It is recommended that wires connecting the Sensor to a building controller or Sub controller does not total more then 150 ft.