## Description

# SB-CMS-THL Temp, Humidity & LUX light Sensor

is the multi-function control module, it can measure the temp., humidity and LUX light information. According to the illumination value, dry contacts, universal switches, etc. whether meet the set to control the controlled target. Used in conjunction with the security module.

# Function Feature

Equipped with light, temp. and humidity sensor, 2 dry contact inputs,2 universal switches, logic state as input conditions

Two logical relationship: OR, AND

With 24 logic functions, can set 7 logic input conditions, when logical condition is trigger can set 20 target output. When logic condition is not trigger you need connect with security module then can set 20 target output..

Can field simulation of the temp. humidity and LUX light

. Use 485 communication

#### **Environmental conditions**

Working temperature0°C0°C~45°C Working Relative Humidity 20%~90% Storage temperature -40°C~+55°C Storage Relative Humidity 10%~93%

# Performance parameters

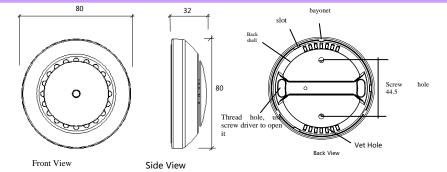
. Power supply: DC24V

.Bus Power Consumption: 25mA/DC24V

. Signal interface : HDL-BUS

. Install Way : Ceiling mount install Dimensions : 80mm×32mm

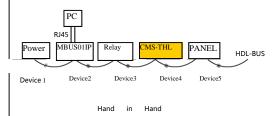
#### Installation Dimension



### **Install Requirement**

This module switch output connect 2.5mm2 copper 485 cable connect: CAT5

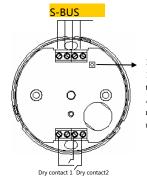
# System Connection Diagram



#### HDL-BUS Definition

Brown white/ Orange white	СОМ -
Blue white / Green White	DATA-
Blue/Green	DATA+
Brown/ Orange	DC24V

# Wiring for Installation



Module address setting button
Keep pressing 3S until the red indicator on ,
then modify the address in S-bus software.
Address management → modify address ,
read original address and modify the original address.

# Packing List

SB-CMS-THL 1 PC Installation Manual 1 PC

# Safety Use and Maintenance

Read All Instructions in detail before use

Make sure good Ventilation Environment

Pay Attention to Water-proof, shake-proof and dust-proof when using

Non-Rain, Non-Contact with other liquids or corrosive gases

Should be dried in time if invaded by water or liquid

Contact Professional maintenance staff or HDL company when Product has problem