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

Installation Dimension

80

32

80

Screw hole 44.5

bayonet

slot

Back shell

Thread hole, use screw driver to open it

Vet Hole

Back View

Front View

Side View

Install Requirement

This module switch output connect 2.5mm2 copper

485 cable connect: CAT5

Environmental conditions

Working temperature0℃0℃~45℃
Working Relative Humidity 20%~90%
Storage temperature -40℃~+55℃
Storage Relative Humidity 10%~93%

Performance parameters
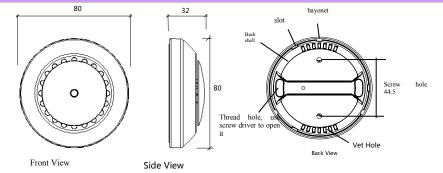
. Power supply :   DC24V

.Bus Power Consumption : 25mA/DC24V

. Signal interface :   HDL-BUS

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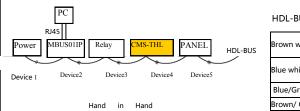
Dimensions：80mm×32mm

System Connection Diagram

PC

RJ45

Power | MBUS01IP | Relay | CMS-THL | PANEL | HDL-BUS

Device 1   Device2   Device3   Device4   Device5

Hand   in   Hand

HDL-BUS Definition

Brown white/	COM -
Blue white /	DATA-
Blue/Green	DATA+
Brown/ Orange	DC24V

Wiring for Installation

S-BUS

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.

Dry contact 1 Dry contact2

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