Description

SB-CMS-LA air quality sensor is developed by our company as a multi-function control module. Measure the air quality, brightness and other information, according to the fact that if illumination value, dry contacts, switches, etc. meets the general settings or not, to control the controlled target

Environmental conditions

Working temperature： -5□~45□

Working Relative Humidity ：20%~90%

Storage temperature：-40□~+55□
Storage Relative Humidity ：10%~93%

Levels of protection：IP2.0

Features

. Embedded LUX sensor, Air quality sensor, air comprehensive index sensor, 2 Dry Contact inputs

. 2 Universal Switch inputs, 1 Logic Blocks Status inputs

. 2 Logic Function：OR、AND

. Up to 24 Logic Blocks, maximum 7 Logic inputs conditions available, each Logic Black can control up to 20 different control targets

. To be used with Security Module

. Real Formulation for Brightness and Air comprehensive index
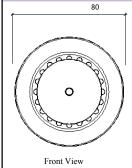
. RS485 as the communication media
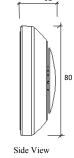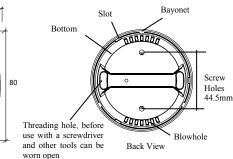
Performance parameters

· Power supply：DC24V

· Bus Power Consumption：25mA/DC24V.

· Signal interface： HDL-BUS

. Installation type：Ceiling Mount

. Dimension：80mm×32mm

Installation Dimension

Front View   Side View   Back View

80   32   80

Slot   Bayonet   Bottom   Screw Holes 44.5mm   Blowhole

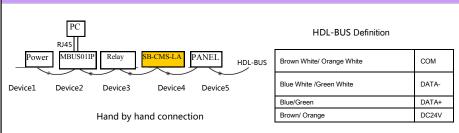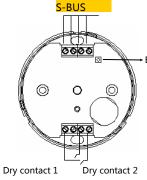Threading hole, before use with a screwdriver and other tools can be worn open

Installation Requirement

The type of the cable which is used for connecting the load in output block：2.5mm² copper wire

The type of the cable which is used for 485 BUS ：cat5 or cat5e

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System connection diagram

Hand by hand connection

HDL-BUS Definition

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

Wiring For Installation

S-BUS

Button for Address Setting

Keep pressing the button for 3 seconds, it will be in Red Indicates, use the S-BUS software to read and modify the address.

Address Management→Modify address , Read Initial address and modify initial address.

Dry contact 1   Dry contact 2

Packing list

SB-CMS-LA	1 PC
Installation Manual	1 PC

Safety 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