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| Description | Environmental conditions |
| <p>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.</p> | <p>Working temperature 0°C~45°C Working Relative Humidity 20%~90% Storage temperature -40°C~+55°C Storage Relative Humidity 10%~93%</p> |
| Function Feature | Performance parameters |
| <p>Equipped with light, temp. and humidity sensor, 2 dry contact inputs, 2 universal switches, logic state as input conditions</p> <p>Two logical relationship : OR, AND</p> <p>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..</p> <p>Can field simulation of the temp. humidity and LUX light</p> <p>. Use 485 communication</p> | <p>. Power supply : DC24V .Bus Power Consumption : 25mA/DC24V . Signal interface : HDL-BUS . Install Way : Ceiling mount install Dimensions : 80mm×32mm</p> |
| Installation Dimension | |
| <p>Front View: Diameter 80mm</p> <p>Side View: Thickness 32mm</p> <p>Back View: Shows bayonet, slot, back shell, Vet Hole, Thread hole, and Screw 44.5 hole.</p> | |
| Install Requirement | |
| <p>This module switch output connect 2.5mm² copper 485 cable connect: CAT5</p> | |

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|---|---|----------------------------|-------|--------------------------|-------|--------------|-------|----------------|-------|
| System Connection Diagram | | | | | | | | | |
| | HDL-BUS Definition <table border="1"> <tr> <td>Brown white / Orange white</td> <td>COM -</td> </tr> <tr> <td>Blue white / Green White</td> <td>DATA-</td> </tr> <tr> <td>Blue / Green</td> <td>DATA+</td> </tr> <tr> <td>Brown / Orange</td> <td>DC24V</td> </tr> </table> | Brown white / Orange white | COM - | Blue white / Green White | DATA- | Blue / Green | DATA+ | Brown / Orange | DC24V |
| Brown white / Orange white | COM - | | | | | | | | |
| Blue white / Green White | DATA- | | | | | | | | |
| Blue / Green | DATA+ | | | | | | | | |
| Brown / Orange | DC24V | | | | | | | | |
| Wiring for Installation | | | | | | | | | |
| <p>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.</p> | | | | | | | | | |
| Packing List | | | | | | | | | |
| SB-CMS-THL Installation Manual | 1 PC 1 PC | | | | | | | | |
| Safety Use and Maintenance | | | | | | | | | |
| <p>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</p> | | | | | | | | | |