

<b>Description</b> 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	<b>Environmental conditions</b> Working temperature : -5℃~45℃ Working Relative Humidity : 20%~90% Storage temperature : -40℃~+55℃ Storage Relative Humidity : 10%~93% Levels of protection : IP2.0
<b>Features</b> <ul style="list-style-type: none"> <li>Embedded LUX sensor, Air quality sensor, air comprehensive index sensor, 2 Dry Contact inputs</li> <li>2 Universal Switch inputs, 1 Logic Blocks Status inputs</li> <li>2 Logic Function : OR, AND</li> <li>Up to 24 Logic Blocks, maximum 7 Logic inputs conditions available, each Logic Black can control up to 20 different control targets</li> <li>To be used with Security Module</li> <li>Real Formulation for Brightness and Air comprehensive index</li> <li>RS485 as the communication media</li> </ul>	<b>Performance parameters</b> <ul style="list-style-type: none"> <li>Power supply : DC24V</li> <li>Bus Power Consumption : 25mA/DC24V.</li> <li>Signal interface : HDL-BUS</li> <li>Installation type : Ceiling Mount</li> <li>Dimension : 80mm×32mm</li> </ul>
<b>Installation Dimension</b>	
<p>Front View: 80mm diameter</p> <p>Side View: 32mm height, 80mm diameter</p> <p>Back View: Slot, Bayonet, Bottom, Threading hole, before use with a screwdriver and other tools can be worn open, Screw Holes 44.5mm, Blowhole</p>	
<b>Installation Requirement</b>	
The type of the cable which is used for connecting the load in output block : 2.5mm <sup>2</sup> copper wire  The type of the cable which is used for 485 BUS : cat5 or cat5e	

<b>System connection diagram</b>											
<b>Hand by hand connection</b>											
<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2" style="text-align: center;">HDL-BUS Definition</th> </tr> </thead> <tbody> <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> </tbody> </table>		HDL-BUS Definition		Brown White/ Orange White	COM	Blue White /Green White	DATA-	Blue/Green	DATA+	Brown/ Orange	DC24V
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Brown White/ Orange White	COM										
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<b>Wiring For Installation</b>											
<p>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.</p>											
<b>Packing list</b>											
SB-CMS-LA	1 PC										
Installation Manual	1 PC										
<b>Safety and Maintenance</b>											
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											