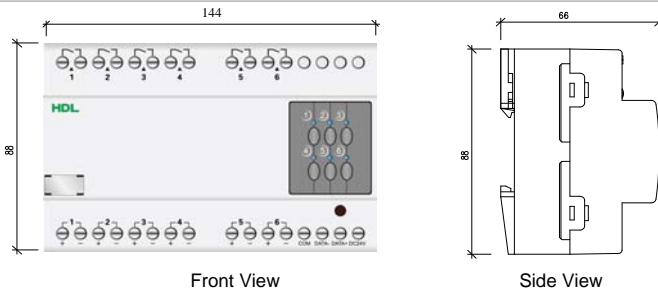
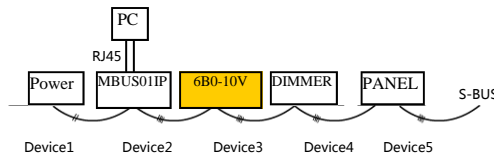
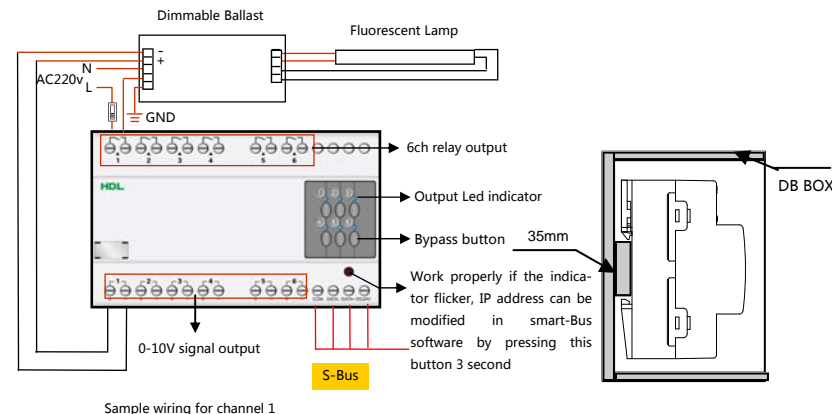


Description	Environmental Conditions
SB-DN-6B0-10V 6 Channel 0-10V Ballast Controller, inclusive with 16A relay per channel, can control up to 6ch 0-10V dimmable ballast for dimming fluorescent lamps	Working Temperature: -5°C~45°C Working Relative Humidity: 20%~90% Storage Temperature: -40°C~+55°C Storage Relative Humidity: 10%~93% IP Class: 2.0
Features	Performance Parameters
<ul style="list-style-type: none"> <li>6ch relay switch output</li> <li>6ch 0-10V analog signal output</li> <li>Emergency bypass button for each channel</li> <li>Output LED indicator</li> <li>Up to 6 area, each area has 12 scenes, maximum operation time 60 minutes</li> <li>Device can be restored to previous scene or designed scene.</li> <li>Low threshold, high threshold and maximum threshold are available to suit different load for each channel</li> </ul>	<ul style="list-style-type: none"> <li>BUS Power Supply: DC15-30V</li> <li>BUS Power Consumption: Static: 25mA@DC 24V Dynamic: 40mA@DC 24V</li> <li>Maximum Current per Channel: 16A</li> <li>Current for 0-10V terminal: 100mA</li> <li>Standard 35mm Rail mounting</li> <li>Maximum ballast for each channel: 40 no.</li> <li>Relay Life time: &gt; 60000</li> <li>Capacity Load of Relay Unit : &lt; 300μF</li> <li>Standard 35mm Din Rail Installation</li> <li>50A magnetic latching relay used</li> <li>CE approved</li> </ul>
Installation Dimension	
 <p>Front View</p> <p>Side View</p>	
Installation Requirements	
<p>For safety , A proper <b>fuse or MCB must be connect to each circuit</b> . The power cable require : 0.2..4 mm<sup>2</sup> multi- core and 0.4...6 mm<sup>2</sup> single-core. The tightening torque not exceed 1Nm . Bus connection: Cat5e.</p> <p>Modular installation: DIN-Rail . Mounting position: Electric switch box</p>	

System Connection Diagram								
 <p>Recommended Connection: Hand in Hand</p>								
<p>Smart-Bus Cat5 Wire Definition</p> <table border="1"> <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>	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>Sample wiring for channel 1</p>								
Packing List								
<table> <tbody> <tr> <td>SB-DN-6B0-10V</td> <td>1 PC</td> </tr> <tr> <td>Installation Manual</td> <td>1 PC</td> </tr> </tbody> </table>	SB-DN-6B0-10V	1 PC	Installation Manual	1 PC				
SB-DN-6B0-10V	1 PC							
Installation Manual	1 PC							
Safety and Maintenance								
<ul style="list-style-type: none"> <li>Read All Instructions in detail before use</li> <li>Make sure good Ventilation Environment</li> <li>Pay Attention to Water-proof, shake-proof and dust-proof when using</li> <li>Non-Rain, Non-Contact with other liquids or corrosive gases</li> <li>Should be dried in time if invaded by water or liquid</li> <li>Contact Professional maintenance staff or HDL company when Product has problem</li> </ul>								