

<h3>Description</h3> <p>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</p>	<h3>Environmental Conditions</h3> <p>Working Temperature: -5℃~45℃ Working Relative Humidity: 20%~90% Storage Temperature: -40℃~+55℃ Storage Relative Humidity: 10%~93% IP Class: 2.0</p>
<h3>Features</h3> <ul style="list-style-type: none"> 6ch relay switch output 6ch 0-10V analog signal output Emergency bypass button for each channel Output LED indicator Up to 6 area, each area has 12 scenes, maximum operation time 60 minutes Device can be restored to previous scene or designed scene. Low threshold, high threshold and maximum threshold are available to suit different load for each channel 	<h3>Performance Parameters</h3> <ul style="list-style-type: none"> BUS Power Supply: DC15-30V BUS Power Consumption: <ul style="list-style-type: none"> Static: 25mA@DC 24V Dynamic: 40mA@DC 24V Maximum Current per Channel: 16A Current for 0-10V terminal: 100mA Standard 35mm Rail mounting Maximum ballast for each channel: 40 no. Relay Life time: > 60000 Capacity Load of Relay Unit : < 300μF Standard 35mm Din Rail Installation 50A magnetic latching relay used CE approved
<h3>Installation Dimension</h3>	
<h3>Installation Requirements</h3>	
<p>For safety, A proper fuse or MCB must be connect to each circuit. The power cable require : 0.2..4 mm² multi-core and 0.4...6 mm² single-core. The tightening torque not exceed 1Nm. Bus connection: Cat5e. Modular installation: DIN-Rail. Mounting position: Electric switch box</p>	

<h3>System Connection Diagram</h3>									
<h4>Smart-Bus Cat5 Wire Definition</h4> <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								
<p>Recommended Connection: Hand in Hand</p>									
<h3>Wiring for installation</h3>									
<p>Sample wiring for channel 1</p>									
<h3>Packing List</h3>									
SB-DN-6B0-10V	1 PC								
Installation Manual	1 PC								
<h3>Safety and Maintenance</h3>									
<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>									