

<h3>Description</h3> <p>SB-DN-DT0402 intelligent dimmer module is a MOS control dimmer developed by HDL, is the power output module of the intelligent lighting control system, it has 4 output channels for different load, the emergency control part can produce direct switch control signal in the scene control section</p>	<h3>Environmental Conditions</h3> <p>Working temperature: 0°C~45°C Working Relative Humidity: 20%~90% Storage temperature: 40°C~+55°C Storage Relative Humidity: 10%~93% IP Class : 2.0</p>
<h3>Features</h3> <p>LED lights for indicating the current output channel status Scene controller function Up to 2 separate area Each area has 12 scenes, Maximum run time for scenes:60 minutes Up to 6 sequence, 12 steps for each sequence Up to 60 minutes of interval between each step There are 4 running modes for sequence: Forward, Backward, Random, Forward & Backward. Low or High Maximum threshold are available in each channel to suit the different loads Bypass function is available in each channel Remote program and management via S-bus software Recover the previous scene or designated scene after power on Over-Current protection Over-Heating protection Optional dimming modes and curves</p>	<h3>Performance Parameters</h3> <p>Bus Power Supply : DC15~30V Static State Consumption : 15mA@DC 24V Dynamic State Consumption : 20mA@DC 24V Output Channel : 4CH Maximum Current Per CH : 2A 2 Channel maximum output Current : 6A Dimming Curve : Curve1.0, Curve1.5, Curve2.0, Curve3.0 Dimming Modes : Leading Edge , Trailing Edge Dimension : 216mm×88mm×66mm Communication: HDL-BUS Communication Installation Mode : 35mm DIN Rail Mount</p>
<h3>Installation Dimension</h3>	
<h3>Installation Requirements</h3>	
<p>For safety, recommend a proper fuse or MCB be connected to the AC220V ~ 240V input terminal, The power cable require : 2.5mm² copper wire The input terminal of the module : 2.5mm² copper wire Bus Connection : Cat5e</p>	

<h3>System Connection Diagram</h3>											
<table border="1"> <thead> <tr> <th colspan="2">Smart-Bus CAT5 Wire 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> <p>Recommended Connection: Hand in Hand</p>		Smart-Bus CAT5 Wire Definition		Brown White/Orange White	COM	Blue White /Green White	DATA-	Blue/Green	DATA+	Brown/ Orange	DC24V
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<h3>Wiring For Installation</h3>											
<h3>Packing List</h3>											
SB-DN-DT0402	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 Contract professional maintenance staff or HDL company when product has problem</p>											