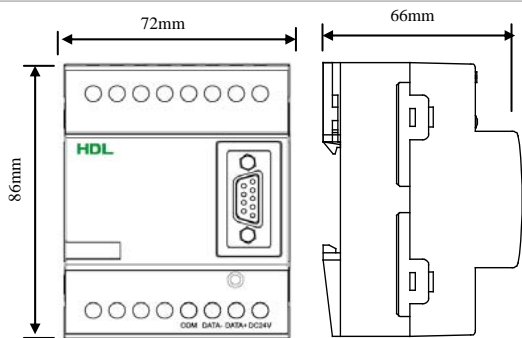


Description	Environmental conditions
<p>SB-DN-RS232 converter HDL intelligent products . it have two mode ,</p> <p>one is via RS232 connected device to control HDL S-BUS ( belong to 485 BUS Type) connected device, the other mode is via HDL S-BUS connected device to control RS232 connected device . also it can converted to other RS485 device.</p> <p>through "HDL S-BUS" setting to achieve conversion control function</p>	<p>Working temperature : -5℃~45℃</p> <p>Working Relative Humidity : 20%~90%</p> <p>Storage temperature : -40℃~+55℃</p> <p>Storage Relative Humidity : 10%~93%</p> <p>Levels of protection : IP2.0</p>
Features	Performance parameters
<p>.To achieve the control between RS232 and HDL S-bus,</p> <p>Mainly to achieve the interact control between RSBUS and HDL S-BUS</p> <p>. it can achieve long-distance transmission when RS232 convert to HDL S-bus</p> <p>. RS232(ASCII Code or HEX)-&gt;BUS</p> <p>. RS232(ASCII code or HEX) &lt;-BUS</p> <p>. it can Enter up to 99 control command , each command can enter up to 24 ASCII code</p>	<ul style="list-style-type: none"> <li>Working : DC12-30V</li> <li>Bus Power Consumption : 15mA/DC24V</li> <li>Installation type : standard 35mm din rail</li> <li>Dimensions : 72mm×88mm×66mm</li> <li>RS232 interface:1</li> <li>RS232 serial port setup.</li> <li>Baud rate : User can make the setup , it can be 2400、4800、9600、14400bit/ect</li> <li>Data Bit : 8</li> <li>Stop Bit: 1</li> </ul>
Installation Dimension	
	
Installation Requirement	
<p>485 BUS line : Cat 5</p> <p>standard 35mm din rail installation.</p> <p>Install position : DB box</p>	

System connection diagram

PC

RJ45

Power

MBUS011

MRS232

DIMMER

PANE

device1 device2 device3 device4 device5

HDL-BUS

commended Connection: Hand in Hand

HDL-BUS Definition

Brown White/ Orange White	COM
Blue White /Green White	DATA-
Blue/Green	DATA+
Brown/ Orange	DC24V

Wiring For Installation

232 serial : 9 Pin D-shaped socket  
Connections rules with other device's RS232 signal (2 feet and 3 feet cross-connected to each other , 5 feet connected directly ) as below

35mm DIN

DP

2 3 5

2 3 5

RS232 interface connection

S--BUS

Packing list

SB-DN-RS232	1 PC
Installation Manual	1 PC

Safety and Maintenance

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

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