

Description

SB-DN-RS232 is a two way HDL Smart-Bus to RS232 converter.

Environmental Conditions

Working temperature : $-5^{\circ}\sim 45^{\circ}$

Working Relative Humidity : 20%~90%

Storage temperature : $-40^{\circ}\sim +55^{\circ}$

Storage Relative Humidity : 10%~93%

Levels of protection : IP2.0

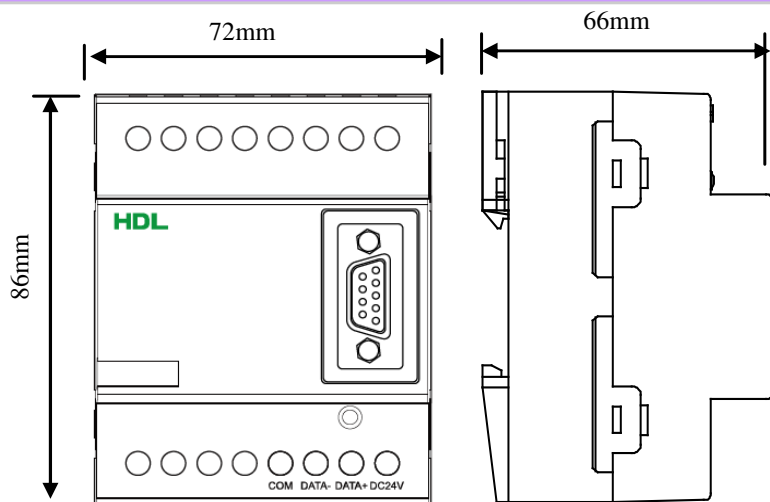
Features

- Allows control between RS232 devices and HDL Smart-Bus.
- The converter allows long-distance transmission when using the HDL Smart-Bus to locate the converter.
- RS232(ASCII Code or HEX)->BUS
- RS232(ASCII code or HEX) <-BUS
- Enter up to 99 control commands (events from HDL Smart-Bus), each command can send up to 20 ASCII strings. Each string can have up to 24 characters.
- Enter up to 99 character strings that the device will receive. On receipt send up to 20 commands on the HDL smart-Bus.

Performance Parameters

- Bus Power Supply: DC12-30V
- Bus Power Consumption: 15mA/DC24V
- Installation type: standard 35mm din rail
- Dimensions: 72mm×88mm×66mm
- RS232 interface: 1
- RS232 serial port setup.
- Baud rate : User adjustable, it can be 2400, 4800, 9600, 14400bit/etc
- Data bit : 8
- Stop bit : 1

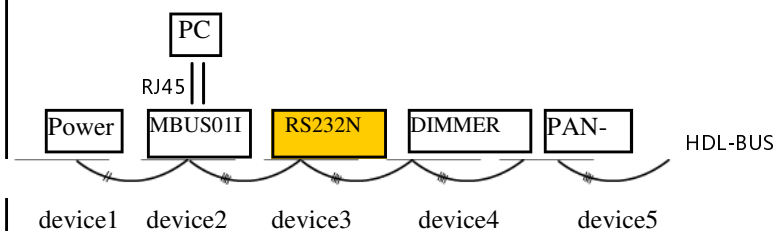
Installation Dimensions



Installation Requirement

- HDL Smart-Bus Cat5 UTP
- Standard 35mm din rail installation
- Install position: DB box

System Connection Diagram

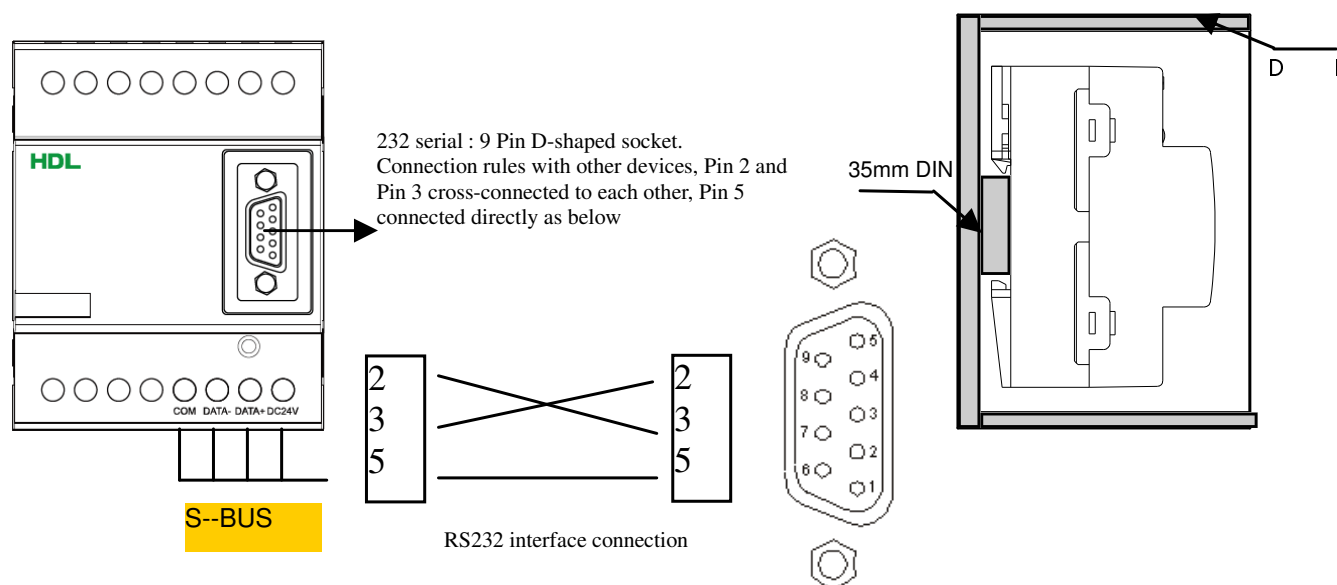


HDL-BUS Definition

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

Recommended Connection: Daisy Chain

Wiring For Installation



Packing list

- SB-DN-RS232N 1 PC
- Installation Manual 1 PC

Safety and Maintenance

- Read all instructions in detail before use.
- Ensure mounted equipment is well ventilated.
- Install in location that is free of moisture, vibration and dust.
- Do not allow contact with water or other liquids or corrosive gases.
- Contact authorised maintenance staff should this product require service.