Description

SB-DN-1IP Programming Module is the gateway between HDL-Bus system and Ethernet, enable bidirectional data transmission between HDL-Bus and Ethernet.

Environmental conditions

Working Temperature: -5℃~45℃
Working relative humidity: 20%~90%
Storage Temperature: -40℃~+55℃
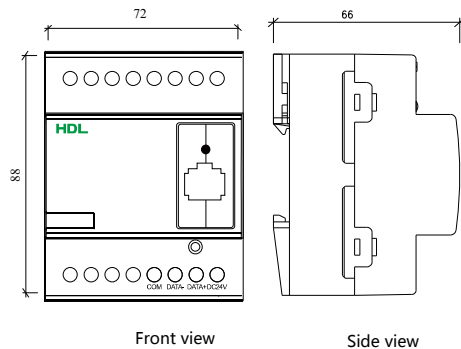Storage relative humidity: 10%~93%
IP Grade：IP2.0

Features

. Bidirectional data exchange between HDL-Bus and Ethernet
. Remote management
. Intelligent data exchange，minimize data flow
. Signal interface：RS485、RJ45

Performance parameters

. Power supply：DC12-30V
. Bus consumption：40mA/DC24V
. Installation：Standard 35mm Din-rail
. Size：72mm×88mm×66mm

Installation Dimension

Front view   Side view

IP address setting

the default IP address of Bus/IP switch is 192.168.10.250, IP ports is 6000. in case its IP address is not in same network segment with the users' PC server its IP address, need to modify it to make them in the same network segment

Modification Steps：

1、 modify the PC server its IP Segment to be 192.168.10.** （** is arbitrary value）。

2、 in menu bar of S-Bus configuration software, click" Devices→ Bus switchboard" double click the switch you want to modify

3、 click " IP configuration" in the right bar, then appear an modification interface, modify the switchboard IP to be in the same segment with PC server. then click "save" to quit the setting
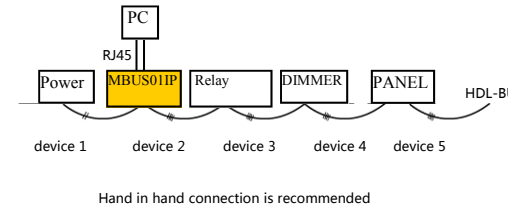
4、 recover the PC server to its primary IP

Installation Requirements

Standard 35mm Din-Rail installation，inside the DB box

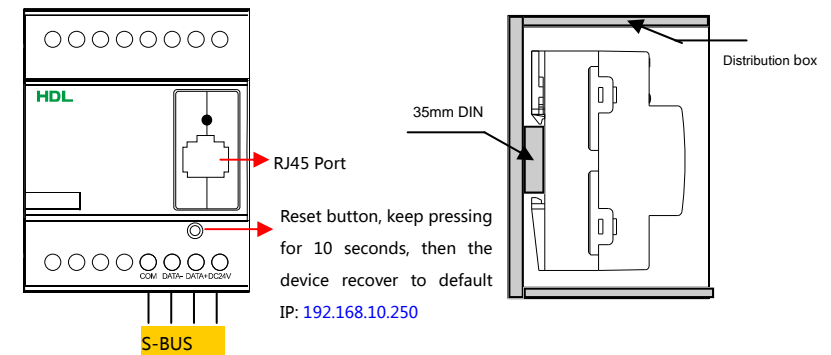Cable used for HDL-BUS：Cat5e

Cable used for RJ45 Ethernet：Cat5e

System Diagram

HDL-BUS Definition

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

Hand in hand connection is recommended

Wiring for installation

RJ45 Port

Reset button, keep pressing for 10 seconds, then the device recover to default IP: 192.168.10.250

S-BUS

Distribution box

35mm DIN

Package list

SB-DN-1IP   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