Description

SB-DN-2Motor is a professional curtain(shutter) controller, coordinated with other S-BUS system device, we can control the curtain smartly. The module support panel key control, IR control, timer control, sensor control, remote control , and 4 self keys control.

Environmental Conditions

Working temperature : -5℃~45℃
Working Relative Humidity : 20%~90%
Storage temperature : -40℃~+55℃
Storage Relative Humidity ：10%~93%
IP Class: 2.0

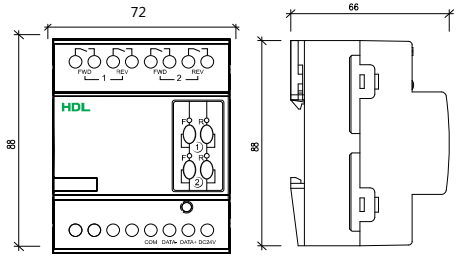
Features

. FWD/REV hardware/software interlock
. Curtain loop：2
. Settable curtain running time
. Shutter control

Performance Parameters

. Bus Power Supply：DC24V
. Bus Power Consumption ：35mA/DC24V
. Maximum Current Per CH：5A
. Relay lifetime：60000
. Motor type: single-phase capacitor
. Installation: Standard 35mm DIN-Rail
. Mounting position: Electric switch box.
. CE approved

Installation Dimension

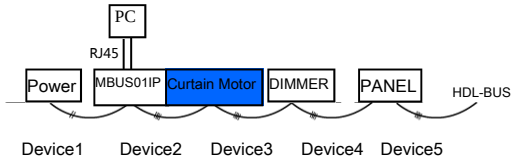


Front View Side View

Installation Requirements

. The Forward/Reverse controlling of the same curtain loop are mutually exclusive.
. Running time: max 60 minutes; ‘0’ means always on.
. Shutter controlling: we also can control the shutter’s angle: by change curtain switch1 to switch3, curtain switch2 to switch4(setting in S-BUS software)
. power cable require(Curtain Motor)：2.5mm^2 single-core. Bus connection: Cat5e.

System connection diagram

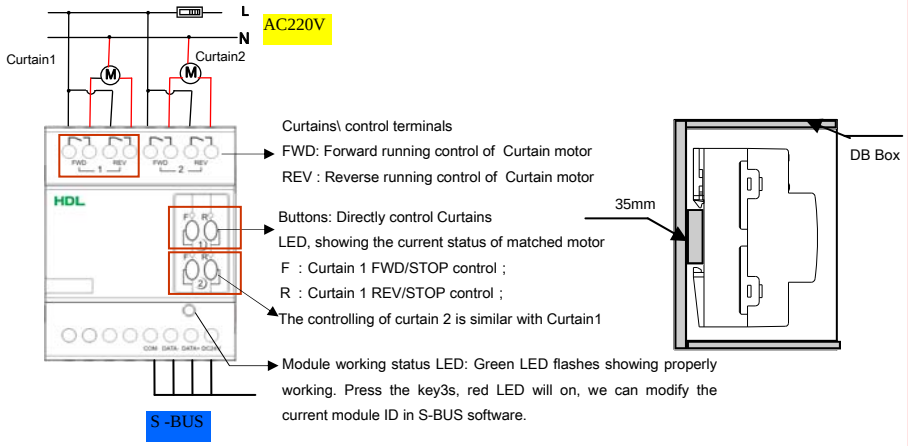


Recommended Connection: Hand in Hand

Smart-Bus CAT5 Wire Definition

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

Wiring For Installation



Packing List

SB-DN-2Motor	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