

Features

SB-DN-DRY-24Z is a sensor signal input module, maximum 24 Dry contact input available.

- 24 channels Dry Contact Input
- Switch types include: Mechanical switch, Single-on, single-off, single-on/off, combination on, combination off, combination on/off, invalid switch, (both mechanical switches and combination switches can set 49 control targets)
- Control Target Mode : Scene, Sequence, Universal Switch, Single channel lighting control, Broadcast Scene, Broadcast channel, Curtain Control, Panel Control, GPRS etc
- Security alerts feature need to be used together with security command module
- Support Online Upgrading by HDL-BUS

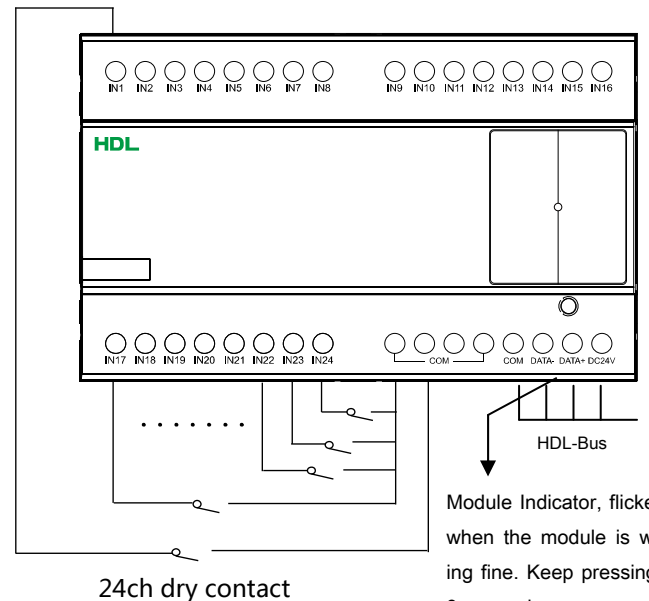
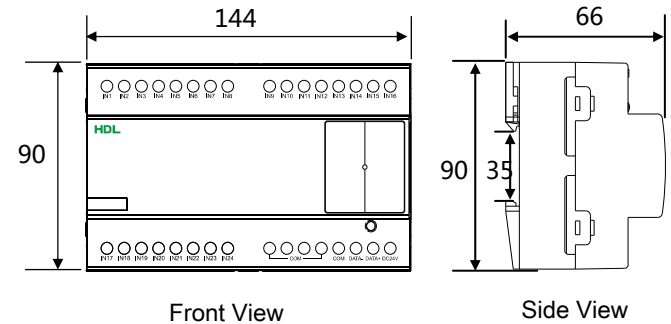
Important Notes

- Cable- CAT5E or HDL Bus/KNX Cable, 0.8mm Single Core Copper cable
- Bus Connection - Series connection (hand by hand)
- Connect checking-Check all connection after installation
- Dry Contact Signal Cable - recommend shielded type cable , less than 20 meters
- 35mm Din Rail Installation, inside DB Box

Product Specification

- Working Voltage : DC12-30V
- BUS Power Consumption : 12mA/DC24V
- Dimension : 144mm×90mm×66mm
- CE Certification
- Working Temperature : 0~45°C
- Working Relative Humidity : 40%~90%
- Storage Temperature : -40°C~+55°C
- Storage Relative Humidity : 10%~93%
- Protection Degree: IP20

Layout and Wiring



Module Indicator, flickering when the module is working fine. Keep pressing for 3 seconds, user can read and modify the address of the module in the HDL-Bus software.

HDL-Bus Definition for cable

CAT5/CAT5E	Bus	HDL Bus/KNX Cable
Brown White/ Orange White	COM	Black
Blue white/ Green White	DATA-	White
Blue/Green	DATA+	Yellow
Brown/Orange	DC24V	Red



Safety Attention

- Screw down strength is less than 0.4Nm
- Do not make wrong connection on Bus interface, it will damage the Bus interface this module
- Do not get AC240V voltage into Bus wire and Dry input port, it will damage all of devices in system
- Do not get AC240V voltage into dry contact signal wire , it will damage all of devices in system
- Rain, liquid, and aggressive gas are not allowed to close to it