

## Parameters

Electrical Parameters:	
Buspro power supply	12-30V DC
Buspro power consumption	12mA/24V DC
Environmental Conditions:	
Working temperature	-5°C~45°C
Working relative humidity	Up to 90%
Storage temperature	-20°C~+60°C
Storage relative humidity	Up to 93%
Approved	
CE	
RoHS	
Product Information:	
Dimensions	144×90×66(mm)
Net weight	373(g)
Housing material	ABS, PC
Installation	Standard 35mm DIN rail
Protection rating	IP20

## Important Notes

- Buspro cable — CAT5E or HDL Buspro/KNX cable.
- Buspro connection — Series connection (hand-in-hand).
- Dry contact signal cable — Recommend shielded cable, less than 20 meters.
- Connect checking — Check all connection after installation.
- Installation — 35mm DIN rail installation, inside DB box.

## HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDL Buspro/KNX
Brown/ Orange	24V DC	Red
Brown white/ Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/ Green	DATA+	Yellow

## Overview

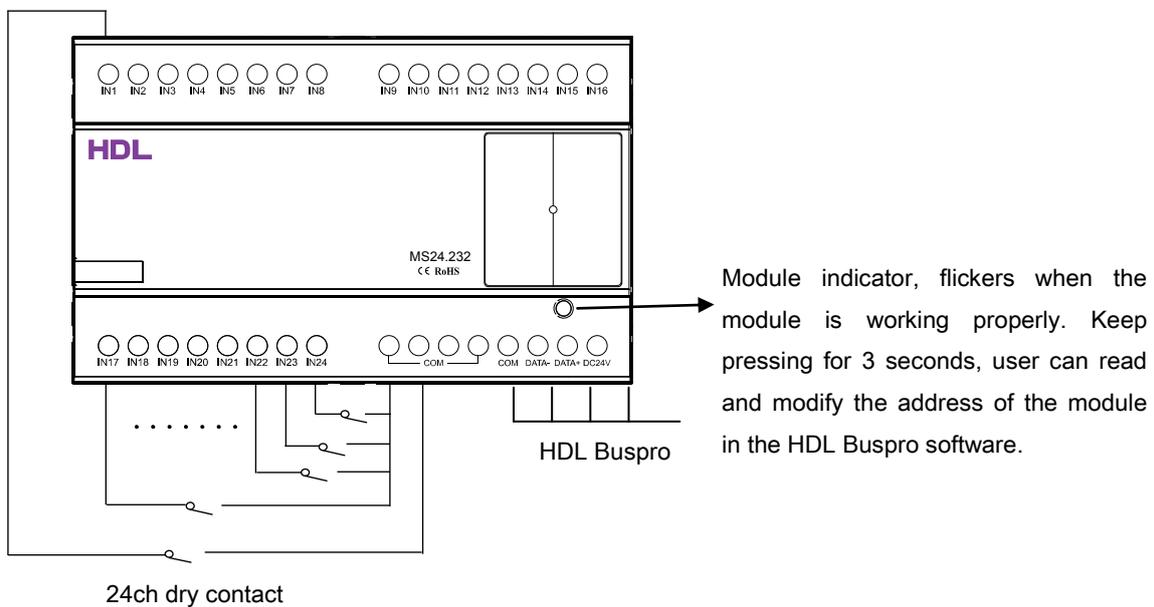
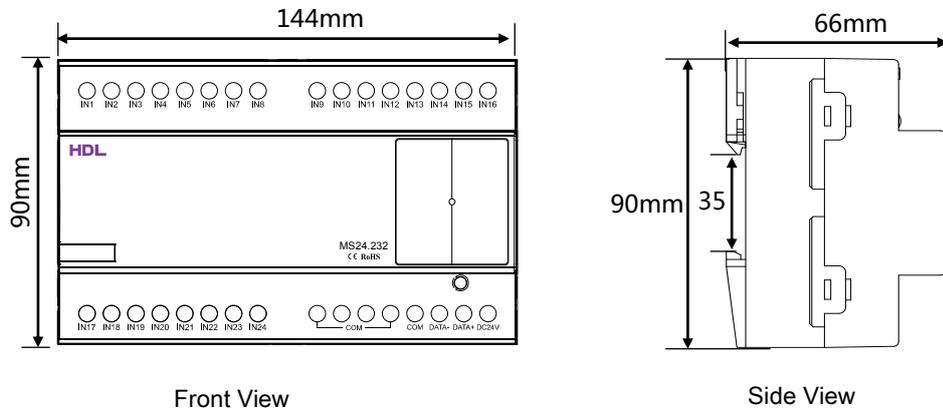


HDL-MS24.232 is a sensor signal input module, it supports up to 24 dry contact inputs.

## Functions

- 24 channels for 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 function, should be used in conjunction with the security module.
- Supports online upgrading by Buspro.

## Dimensions and Wiring



## Safety Precautions



- The screw down strength should not exceed 0.4Nm.
- Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module.
- Do not get AC power into dry contact signal wire, it will damage all devices in the system.
- Do not get AC power into Buspro wire, it will damage all devices in the system.
- Do not let the module come into contact with liquids and corrosive gases.
- Ensure good ventilation.

## Package Contents

- |                 |    |
|-----------------|----|
| ■ Datasheet     | ×1 |
| ■ Device        | ×1 |
| ■ Warranty card | ×1 |

