

Parameters

Electrical Parameters:

Working power	DC15-30V
Buspro power consumption	15mA/DC24V

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	72×90×66 (mm)
Weight	121g
Housing material	Nylon, PC
Installation	35mm DIN rail installation
Protection degree	IP20

Installation Steps

- Mount the device on the DIN rail inside the DB Box.
- Connect HDL Buspro cable.
- Check if there is any short circuit in output connection cable.
- Check the HDL Buspro connection, avoid any mistakes.

HDL Buspro Definition for Cable

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

Overview



MSM.431 is a security module. From the sensor status and logic implement, it can monitor and alarm immediately for abnormal situation

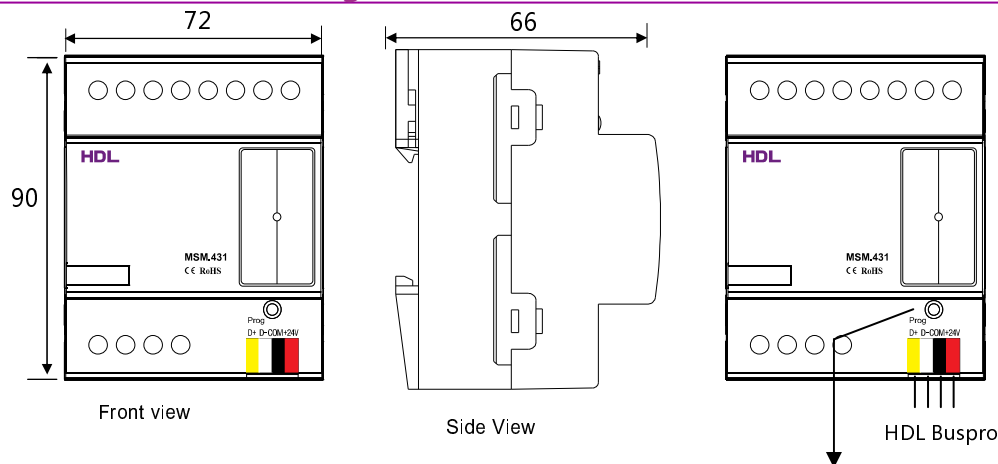
Functions

- It can protect the 8 different areas
- Multiple security modes: away, holiday, evening, daytime, timing, etc.
- Multiple alarm modes: invade, fire, temperature, emergency, etc.
- Multi-Level security protection.
- Set up security protection for 8 zones at one time.
- Check the history of alarm.
- Sends SMS message or calls the specified person to ask for help or sound the alarm if there is security problem.
- Online upgrading is available.

Important Notes

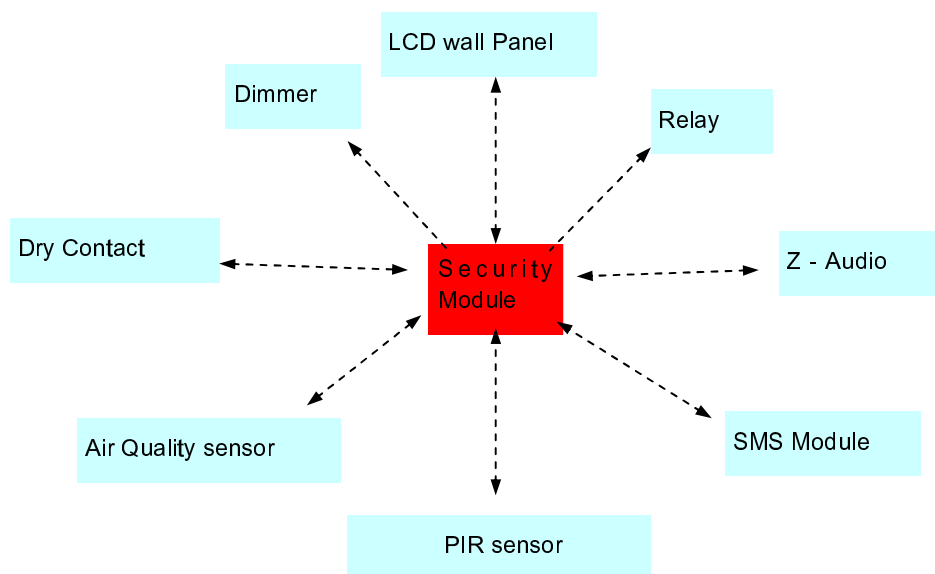
- Buspro cable - HDL Bus/KNX cable, 0.8mm single-core copper cable.
- Buspro connection - Series connection (hand-in-hand).
- HDL Buspro cable - CAT5E or HDL Buspro/KNX cable.

Dimensions and Wiring



LED flickers when the module is working properly. Keep pressing the indicator for 3 seconds, it turns to red, then modify the address from HDL Buspro software. Address manage→modify address, read and modify the start address.

System connection



Security module should work in conjunction with other products to make up a system.

Safety precaution

- The screw down torque should not exceed 0.4Nm.
- Ensure good ventilation.
- Ensure that the Buspro interface is correctly connected to the module.
- Do not connect the module to AC power.
- Do not let the module come into contact with liquids or corrosive gases.

Package contents

- MSM.431*1 / Datasheet*1