

Parameters

Electrical Parameters	
Working voltage	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	121.5g
Housing material	Nylon, PC
Installation	35mm DIN rail installation
Protection degree	IP20

Important Notes

- Buspro cable – CAT5E or HDL Bus/KNX cable
- Buspro Connection–Series connection (hand-in-hand)
- 35mm DIN rail installation, inside DB Box
- Connect checking – Check all connection after installation

Installation Steps

- 35mm DIN rail installation, inside DB Box.
- Connect HDL Buspro cable.
- Check the connection, avoid any mistakes.

HDL Buspro Cable Guide

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

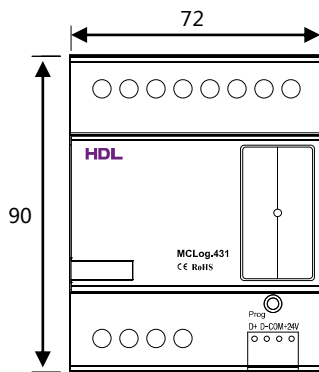


HDL-MCLog.431 is the HDL Logic Module. It has 960 Logic blocks, and the inputs condition of logic can be set scene status, channel status, date, week, time, external input value, external input status etc. By using different logic relations to set up different control target. 4 Logic relations are available for each logic block: AND, OR, NAND, NOR .

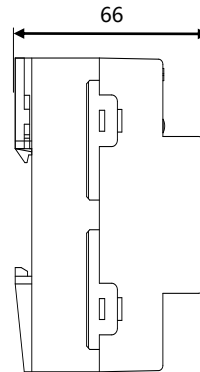
Functions

- Event settings for each day.
- Maximum 12 logic groups can be set ; each logic group has 20 logic blocks. Connection between each logic block is available, it means the output of one logic table can be the input of another logic table.
- Each Logic table has 4 input Pins and 20 output control targets.
- Types of Logic Table Input Pin : Year, date, week, time, universal switch, external input value, scene status, sequence status, external universal switch, channel status, panel status, security etc.
- Logic Relations : AND, OR, NAND, NOR.
- Built-in Real-time clock.
- Online upgrading from Buspro is available.

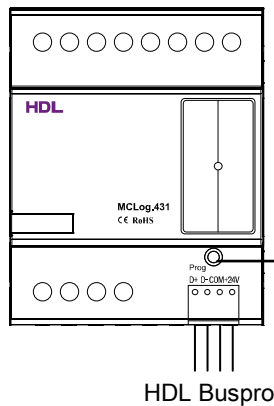
Dimensions and Wiring



Front View



Side view



Module Indicator: flickers when the module is working properly. Keep pressing for 3 seconds, user can read and modify the address of the module in the HDL Buspro software.

Safety precaution



- The screw down torque should not exceed 0.4Nm
- 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

- HDL-MCLog.431*1
- Datasheet*1