

Parameters

Electrical Parameters:	
Working voltage	DC15-30V
Static power consumption	30mA/DC24V
Dynamic power consumption	80mA/DC24V
Output (Relay)	10A/CH
Output (signal)	0-10VDC / 4mA-20mA
Input	Dry contact
	Voltage(0~10000mV)/
	Analogy Voltage(0~10000mV
	Electricity (4000~20000μA)
Communication	Analogy Electricity(4000~20000μA)
	HDL Buspro
HDL Buspro/KNX	0.75-0.85mm single-core cable

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	375g
Housing material	Nylon
Installation	35mm Din rail installation
IP Protection	IP20

HDL Buspro Cable Guide

HDL Buspro	HDL Buspro/KNX
DC24V	Red
COM	Black
DATA-	White
DATA+	Yellow

Installation Steps

- 35mm Din rail installation, inside DB Box.
- Mark up each output connection cable.
- Connect the load and HDL Buspro cable.
- Check the connection, avoid any mistakes.
- Separate the high power cable and Buspro cable.

Overview



HDL-MSC06.432 6 channels input & output module, supports different kinds of output and input signal, it also has 6ch relay outputs.

Functions

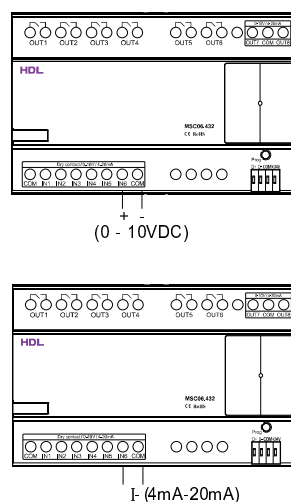
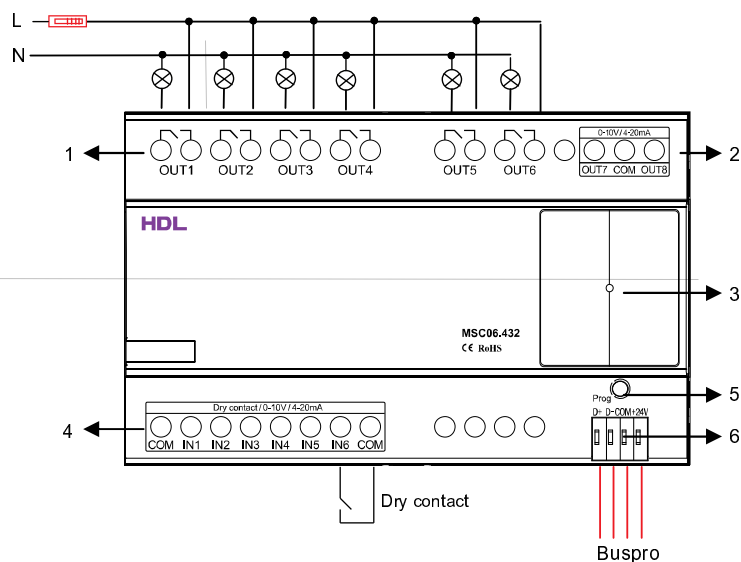
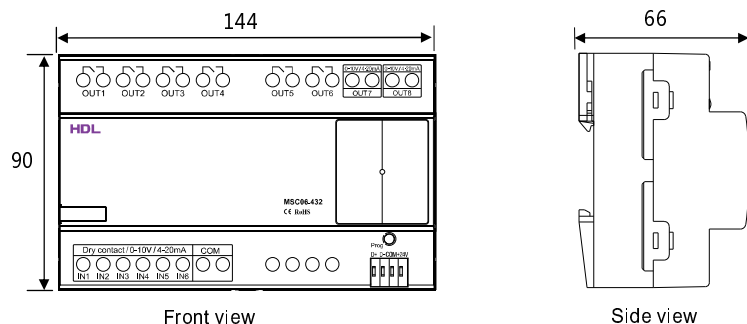
- Supports input types: Dry contact, Voltage(0~10000mV), Analogy Voltage(0~10000mV, Electricity (4000~20000μA), Analogy Electricity(4000~20000μA)
- Analogy function: it can convert the value of voltage and current conversion into other types, such as temperature, Illuminance, humidity, pressure.
- Out 1 to out 6 are 10A relay outputs. Out 7 and out 8 are optional, can set 0-10V output or 4mA-20mA output.
- For inputs and outputs, each channel can be set separately
- It supports online upgrading via HDL Buspro software.
- It supports easy programming.

Important Notes

- 35mm Din rail installation, inside DB Box.
- Buspro cable - Cat5E or HDL Buspro/KNX cable, 0.8mm single-core copper cable.
- Mark up each channel.
- Connect to the load and HDL Buspro, check all output connection.
- Buspro connection - Hand-in-hand.
- Make up each output connection cable, separate high power and Buspro cable.
- Recommended load type and power

Motors:	1H (1HP=746W)
Incandescent lamp load:	1600 W
Inductive transformer :	1000 W
Electronic transformer:	800 W
Halogen lamp 230 V	1600 W
Mercury-vapour lamp	
* Uncompensated luminaire:	1000 W
* Parallel compensated :	800 W
Fluorescent lamp T5 / T8	
* Uncompensated luminaire:	1000 W
* Parallel compensated :	800 W
* DUO lamp :	800 W
Dulux lamp	
* Uncompensated luminaire:	1000 W
* Parallel compensated :	800 W

Dimensions and Wiring



Note: take input 6 as an example, make the input signal are dry contact, 0-10VDC, 4-20mA.

Safety Precautions

- The screw down torque should not exceed 0.4Nm.
- Do not make wrong connection on Bus interface, it will damage the Bus interface of this module.
- Do not let the module come into contact with liquids or corrosive gases.

Package contents

- Datasheet *1/ Device*1/ Bus terminal*1/ Label paper*5