

Parameters

Electrical Parameters:

| | |
|---------------------------|--------------------------------|
| Working voltage | DC20 - 30V |
| Static power consumption | 60mA/DC24V |
| Dynamic power consumption | 300mA/DC24V |
| Signal interface | HDL Buspro, RJ45 |
| RJ45 interface | UDP/IP network Interface |
| TRIAC | 16A TRIAC, minimum load is 30w |
| Buspro terminal | 0.75-0.85mm single-core cable |
| Relay output | 5A/10A |

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:

| | |
|-------------------|----------------------------|
| Dimension | 216×90×56 (mm) |
| Net weight | 725g |
| Housing material | Nylon |
| Installation | 35mm DIN rail installation |
| Protection rating | IP20 |

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 |

Important Notes

- Installation - Distribution box (DB)
- Buspro cable - CAT5E or HDL Buspro/KNX cable, 0.8mm single-core copper cable.
- Buspro connection - Series connection (hand-in-hand).
- RJ45 cable - CAT5E.
- Make sure the IP address and MAC address are unique in IP network.
- Fuse must be aR type, and current should not exceed 10A.
- **When you replace the fuse, you should turn off the power.**

Overview



HDL-MHRCU.433 22CH Mix Controller is a module which with gateway function, it has mix controller, 22 channel outputs, 24-channel dry contacts and 12-channel LED outputs.

Functions

Mix control functions

- It supports 12 scenes.
- Channel 1 to 13 are relay outputs ,each channel is 5A. The load types are incandescent lamp, halogen lamp, low voltage halogen lamp.
- Channel 14 to 17 are relay outputs, each channel is 10A.The load types are incandescent lamp, halogen lamp, low voltage halogen lamp.
- Channel 18 to 22 are dimming outputs, each channel is 1A. It has short circuit protection, and the fuse is easy to replace. If the channel is short circuit or the fuse is wrong, the fuse indicator will flash.

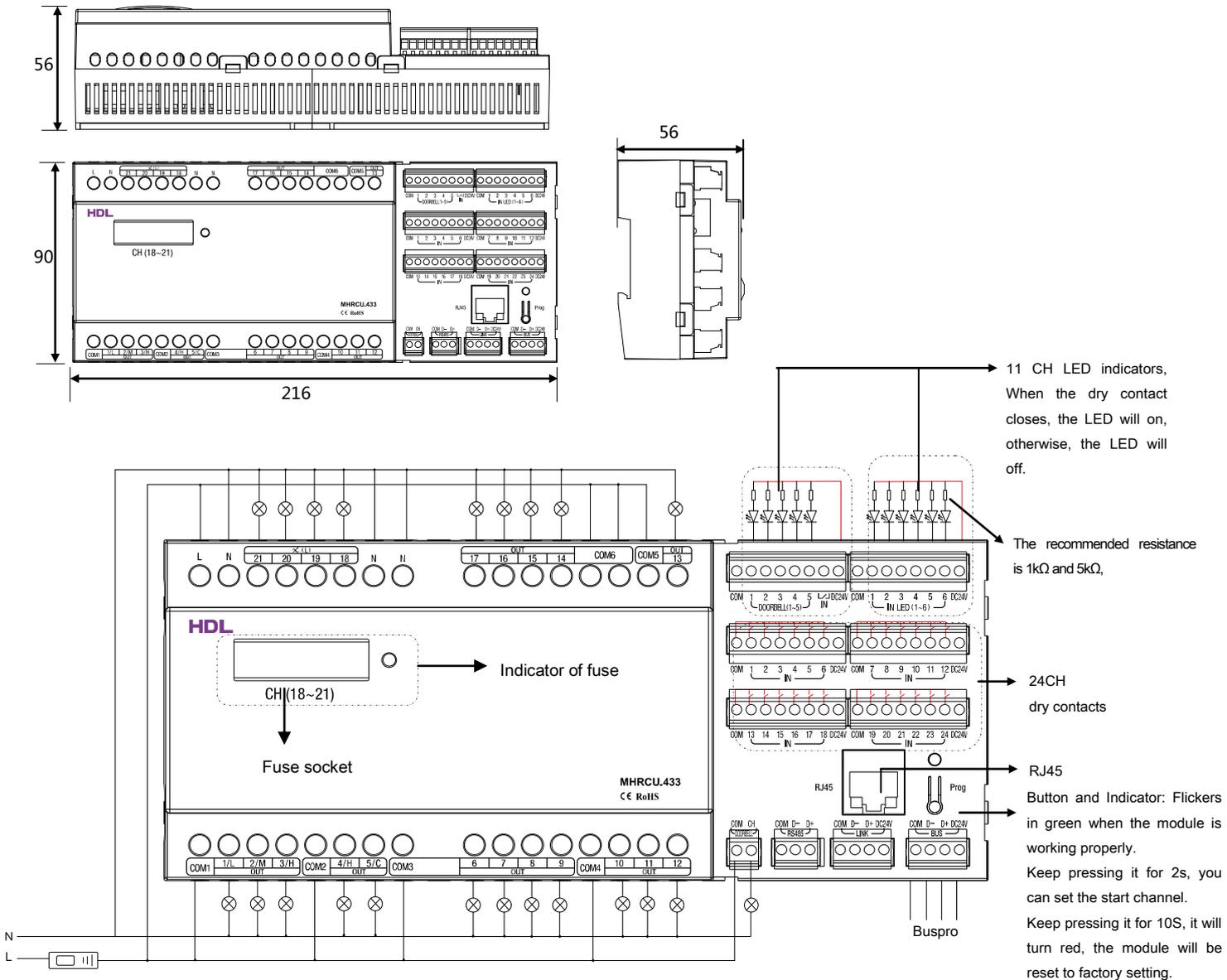
Dry contract

- 24-channel dry contract inputs.

LED output function

- 11-channel common switch indicator outputs.

Dimensions and Wiring



Default setting parameters :

IP: 192.168.10.250

Router IP:192.168.10.1 Port: 6000

MAC : H-D-L-85-85-85

The network segment of the module should be same as the PC.

Safety Precautions



- The screw down torque should not exceed 0.4 Nm.
- Power cable: AC in: 2.5mm²~4mm², load: 1.5mm²~2.5mm².
- Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module.
- Do not get AC voltage into Buspro wire, it will damage all devices in the system.
- Avoid contact with the liquids and aggressive gases.
- Ensure good ventilation.

Packing List

- Datasheet*1 / Device*1 / Buspro connector*1

