

Parameters

Electrical Parameters :	
HDL Buspro input voltage	15-30V DC
HDL Buspro input current	5mA/24V DC
KNX/EIB input voltage	21-30V DC
KNX/EIB input current	<6mA
Communication	HDL Buspro, KNX/EIB
Software programming	HDL Buspro Setup Tool
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)
Net weight	174(g)
Housing material	Nylon, PC
Installation	35mm DIN rail installation
Protection rating	IP20

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-MCEIB.231 is a gateway between HDL Buspro and KNX/EIB.

Functions

- Support various Data Point.
- Two-way communication for HDL Buspro and KNX/EIB.
- Controls up to 254 targets.

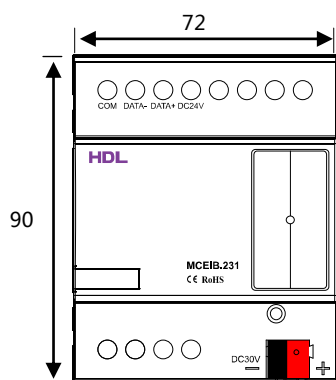
Installation Steps

- 35mm DIN rail Installation, inside DB box.
- Connect HDL Buspro cable, EIB cable.
- Check the HDL Buspro and EIB connection, avoid any mistakes.

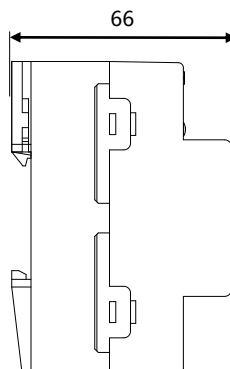
Important Notes

- Buspro cable – CAT5E or HDL Bus/KNX cable
- HDL Buspro Connection–Series connection (hand-in-hand)
- Check Buspro connection, ensure make the connection is correct
- Configuration – Only by HDL Buspro Setup tool
- It must connect a 24V DC power supply to the HDL Buspro interface.

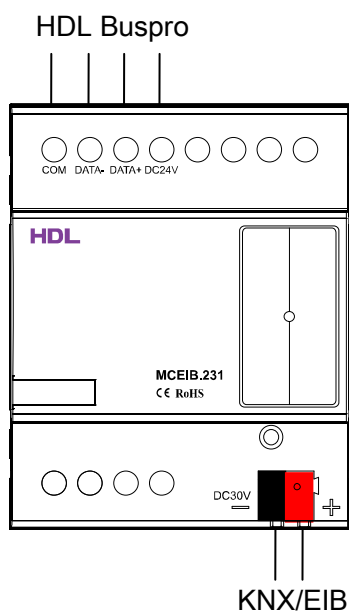
Dimensions and Wiring



Front View



Side view



Supported Data Point type as following:

- Scene switch (1byte[1...99])
- Scene dimming (4bits)
- Sequence switch (1byte [1...99])
- Switch (1bit[1-ON;0-OFF])
- Channel switch (1bit[1-ON;0-OFF])
- Channel dimming (4bits)
- Broadcast scene (1byte[1..99])
- Broadcast Channel switch (1bit[1-ON;0-OFF])
- Broadcast Channel dimming (4bits)
- Curtain open:1bit (1-ON;0-OFF)
- Curtain close:1bit (1-ON;0-OFF)
- Message:1byte (1...20)
- String:14 bytes (14bytes)
- Absolute dimming (1byte)
- Actual temperature (2bytes)
- 1bit response (1bit)
- 1byte response (1byte)

Safety Precautions



- Installation: Inside DB box.
- Do not make wrong connection on Bus interface, it will damage the Bus interface of this module.
- Do not get AC power into Bus 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.

Packing List

- Device*1
- Datasheet*1
- Warranty card*1

