Parameters

Electrical parameters
- Working Voltage: 21~30V DC
- Control IO: KNX TP1 control port
- Bus Current: < 12mA
- User Controls: Manual Over-ride switch for each button

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
- KNX

Product information
- Dimensions: 86mm×86mm×10.5mm
- Net weight: 107.4g
- Housing Material: Glass, PC, aluminum
- IP rating: IP 20

Important Notes
- Special Programming – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- Cable Connections – Do not get wrong connection for Black and Red wires
- Mounting Location – When installed outdoors, pay attention to waterproof.
- Voltage - The input of voltage must be between 21-30VDC

Installation Steps
- Mount the device inside an approved electrical enclosure.
- Connect KNX /EIB cables. Ensure correct cable type and lengths.
- Re-check all terminations prior to energizing.
- Energize supply and KNX bus. KNX bus shall be between 21-30Vdc.

Overview

HDL KNX / EIB multifunction Panel controller are in full compliance with European safety standards and the KNX association protocol. The touch panels have touch keys and background lights. KNX Smart 2 , 4 Buttons wall touch switch Panel.

Functions
- It has Built-in mini infrared receiver, with the function of sending the variety data points at the same time that can simultaneously control many different types of KNX equipment.
- The simple to use Multi control for:
  - Switch control, Dimming, Scene control,
  - Sequence control, Curtain control, Shutter control,
  - Button Lock, Button Trigger,
  - String control, Flexible control,
  - Percentage control,
  - Combination control, golden metal
  - 1 bytes control, 2 bytes control, 4 bytes control bytes (String) control.
- Keep pressing the first and last button together for 2 seconds, the button will flash and database can be downloaded from ETS to the device. M/TBP1.1 should press the button for 20 seconds.

HDL KNX / EIB multifunction Panel controller
Layout

Installation Position: indoor.
- Do not make wrong connection on Bus interface, it will damage the Bus interface this module.
- Do not get AC220V voltage into KNX/EIB Bus wire, it will damage all of devices in system.
- Assure a good ventilation circumstances.
- Rain, liquid, and aggressive gas are not allowed to close to it.

Safety Precautions

Installation: Hold the edge of panel, insert the power interface module vertically. Do not push the panel too hard.
Split: Panel and panel power interface by magnetic suction, you can split them apart directly.

Package Contents

- Datasheet*1 / Panel *1