## Features

HDL KNX / EIB  M/DLP04.1-48,M/DLP04.1-46 wall switch panel controller has 3 page for lighting and curtain control, one page for floor heating, one page for HVAC control.

- The DLP panels have 160x80 LCD displayer, metal button with rubber keys. Removable face plate
- Users can change icon for page 1,2,3 and download to device by "HDL KNX Assistant Software"
- With a Built- in mini infrared receiver.
- It supports many kind of data point and functions, includes Switch control, Dimming control, Shutter control, Flexible control, Scene control, Sequence control, Percentage control, Threshold control, Combination control, String(14bytes) control, HVAC, Floor heating, IR for AC, Button Lock, Button Trigger, Temperature Display, Time Display, Remote Trigger.
- Keep pressing the first and last button together for 2 seconds, the LED Indicators will flashing and enter programming mode.
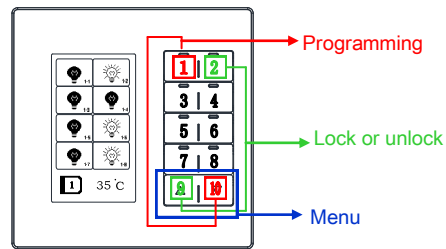
## Important Notes

- **Special programming** – This device is designed for professional KNX installation. It must be programmed by ETS software.
- **Icon changing**– by using "HDL KNX Assistant Software" to download pictures into page 1,2,3 of DLP
- **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

## Product Specifications

- **Working Voltage**：21-30 V DC
- **Static Current : <**20mA
- **Control interface:** KNX TP1 control port
- **KNX Terminals:** KNX bus terminal – Wago 252 (Red /Black) 0.6 – 0.8mm diameter single core
- **Compliance:** CE, KNX
- **Dimensions:**
   M/DLP04.1-48: H86mm x W86mm x D10.5mm
   M/DLP04.1-46: H116.5mm x W86mm x D10.5mm
- **Housing Material:** Gass, PC and Almuinum , ABS
- **Working Temperature:** -5℃~45℃
- **Working Relative Humidity:** 10%~98%
- **Storage Temperature:** -40℃~55℃
- **Storage Relative Humidity:** 10%~98%
- **IP class:** IP20

## Types

M/DLP04.1-48,M/DLP04.1-46(Take M/DLP04.1-48 as an example)



**1.Programming:** keep pressing 1and 10 buttons together for 2s, will enter programming mode.

**2.Lock or unlock:** keep pressing 2 and 9 buttons together for 2s, will lock the panel or unlock the panel.

**3.Menu:** keep press 9 and 10 buttons together for 2s, will enter the menu page and can change following parameters.
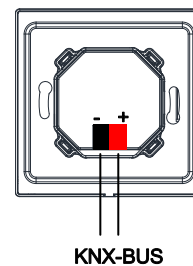
**3.1 LCD:** LCD's brightness can be changed.

**3.2 LED:** LED's brightness can be changed.

**3.3 C/F:** Conversion Celsius and Fahrenheit temperature.

**3.4** AtDk: 1T/2T, the backlight will darken after no operation for delayed time, when opera again,

1T: Object controlling and brighten backlight immediately.

2T: The first time is brighten backlight, second time is object controlling.



**WARNING**

- KNX TP1 bus is SELV and they must be isolated and segregated from mains
- Do not get wrong connection on positive and negative for the bus cable
- Never let liquid get into module, it will damage this devices
- Do not get AC220V voltage into Bus wire , it will damage all devices in the system