### Parameters

**Electrical Parameters (from HDL-MPLPI.48-A):**

- **Power Supply**: DC12-30V
- **Power consumption**: 20mA/DC24V

**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**: 86×86×10.5 (mm)
- **Net weight**: 105g
- **Housing material**: Glass, ABS, PC, Aluminum
- **Installation**: EU wall box
- **Protection rating**: IP20

### Important Notes

- It must work in conjunction with HDL-MPLPI.48-A
- Real product may be different from pictures in the right
- Touch performance – touch panel sensitivity need to be readjusted after installation
- Buspro cable — HDL Bus/KNX cable, 0.8mm single core copper cable.
- Buspro Connection — Series connection (hand-in-hand).
- Installation — EU wall box.

### Installation Steps

- Connect bus cables. Make sure the color of wire complies with the definition
- Make sure the Bus cable type is correct and has no short circuit
- Mount the HDL-MPLPI.48-A in the wall-box
- Put this device into HDL-MPLPI.48-A

### HDL Buspro Cable Guide

<table>
<thead>
<tr>
<th>CAT5/CAT5E</th>
<th>HDL Buspro</th>
<th>HDLBuspro/KNX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown/ Orange</td>
<td>DC24V</td>
<td>Red</td>
</tr>
<tr>
<td>Brown white/ Orange white</td>
<td>COM</td>
<td>Black</td>
</tr>
<tr>
<td>Blue white/Green white</td>
<td>DATA-</td>
<td>White</td>
</tr>
<tr>
<td>Blue/ Green</td>
<td>DATA+</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

### Overview

- **HDL-MPT2.48-A**
- **HDL-MPT4.48-A**

Multi-function touch control panel, embedded with RGB LED backlight for each touch button, any color is available for the button via setting in HDL Buspro configuration tools software.

### Functions

- Key Mode: Single on/off, Single on, Single off, Combination on, Combination off, Combination on/off, Momentary, Short/long press, Short press/long press.
- Key Control Type: Scene, Sequence, Timer, Universal Switch, Single Channel Control, Broadcast Scene, Broadcast Channel, Curtain Control, GPRS Control, Panel Control, Security Module, Music Play, Universal Control, etc.
- Test bus voltage function
- Adjustable backlight color and intensity.
- Supports HDL Buspro online upgrading.
- Customized image for touch panel.

### Safety Precautions

- The screw down torque should not exceed 0.1Nm
- Mounting position: indoor
- Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module
- Never let liquids get into module, it will damage this device
- Do not get AC power into Bus wire, it will damage all devices in the system
Dimensions and Wiring

**Touch button function:** On/off, dimming

**Address modification:** Keep pressing any of button for 15s, all the backlights will flash, the address of this device can be changed on HDL Buspro software: Submenu “address management--address modify”

**Signal interface and fastener:** Connect to panel power interface (MPLPI.48-A).

### Installation

1. Panel power interface (MPLPI.48-A)
2. Panel
3. EU wall BOX

**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