HDL-MPPI / TILE.48

Tile Series Power Interface

Notes: The power interface works with Tile series panels, both plastic and metal versions and both horizontal and vertical installations.

buspro

Datasheet

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Figure 1. Tile Series Power Interface

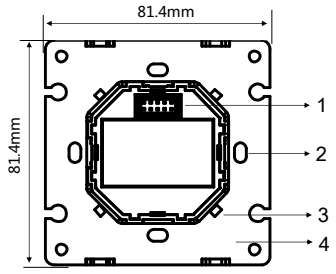


Figure 2. Dimensions – Front View

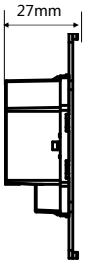


Figure 3. Dimensions – Side View

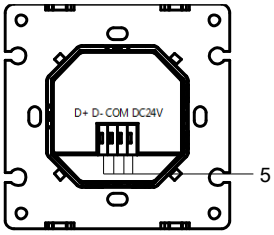


Figure 4. Components - Back View

Overview

Tile Series Power Interface (See Figure 1) works in conjunction with Buspro Tile Series panels and provides working voltage and communication signals to the panel.

Functions

- Provides working voltage to panel.
- Provides communication signals to panel.

Important Notes

- The panel power interface should be installed on the wall box.
- The power interface should work in conjunction with panel.
- It is recommended to connect wires in hand-in-hand.
- It is recommended to use CAT5E or dedicated HDL Buspro cable.

Product Information

Dimensions - See Figure 2 - 3

1. Communication interface: Provides working voltage and signals.

2. Screw hole: Used to secure the power interface into the wall box.

3. Mounting slot

4. Metal plate

5. HDL Buspro bus connector

Components - See Figure 4

Installation - See Figure 5

Step 1. Install the wall box in the wall.

Step 2. Secure the power interface onto the wall box with screws.

Step 3. Install the panel on the power interface.

Step 4. Install the frame around the panel.

Safety Precautions

- The installation and commissioning of the device must be carried out by HDL or the organization designated by HDL. For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- The device should be installed in wall box. HDL does not take responsibility for all the consequences caused by installation and wire connection that are not in accordance with this document.
- Please do not privately disassemble the device or change components, otherwise it may cause mechanical failure, electric shock, fire or body injury.
- Please resort to our customer service department or designated agencies for maintenance service. The warranty is not applicable for the product fault caused by private disassembly.

Package Contents

HDL-MPPI / TILE.48*1 / Buspro connector*1 / Screw(M4*28mm)*2 / Screw(M4*50mm)*2 / Datasheet*1

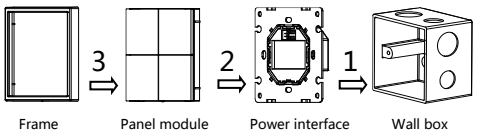


Figure 5. Installation

Technical Data

Basic Parameters	
Working voltage	12~30V DC
Communication	HDL Buspro
External Environment	
Working temperature	-5℃~45℃
Working relative humidity	≤90%
Storage temperature	-20℃~60℃
Storage relative humidity	≤93%
Specifications	
Dimensions	81.4×81.4×27 (mm)
Net weight	69g
Housing material	Steel, ABS
Installation	Wall box (See Figure 5)
Protection rating (Compliant with EN 60529)	IP20

Name and Content of Hazardous Substances in Products

Components	Hazardous substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr (VI))	Poly-brominated biphenyls (PBB)	Poly-brominated diphenyl ethers (PBDE)
Plastic	o	o	o	o	o	o
Hardware	o	o	o	o	-	-
Screw	o	o	o	×	-	-
Solder	×	o	o	o	-	-
PCB	×	o	o	o	o	o
IC	o	o	o	o	×	×

The symbol “-” indicates that the hazardous substance is not contained.

The symbol "o" indicates that the content of the hazardous substances in all the homogeneous materials of the component is below the limit requirement specified in the Standard IEC62321-2015.

The symbol “×” indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement specified in the Standard IEC62321-2015.

HDL Buspro Cable Guide

HDL Buspro	HDL Buspro Cable	CAT5/CAT5E
DATA+	Yellow	Blue/Green
DATA-	White	Blue white/Green white
COM	Black	Brown white/Orange white
24V DC	Red	Brown/Orange

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