HDL®

CE RoHS

M/PTCI.1 Tile Series Power Interface
方悦面板底座

硬件版本：A / Hardware Version: A

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

方悦面板底座，与方悦系列面板（塑料和金属版本，横向和纵向安装版本）配合使用。
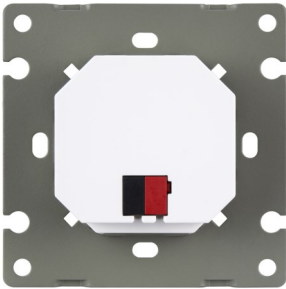
KNX®

Datasheet
产品说明书

Figure 1. Tile Series Power Interface
图 1. 方悦面板底座

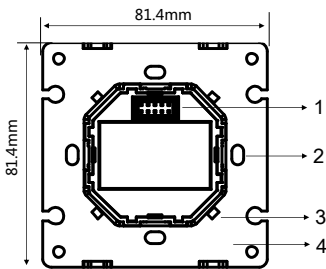
Figure 2. Dimensions – Front View
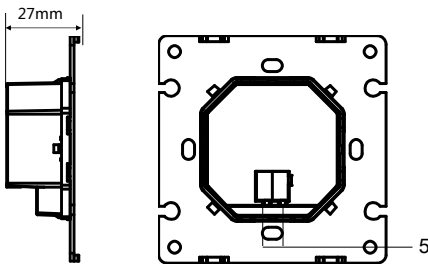图 2. 尺寸图 - 正面

Figure 3. Dimensions – Side View
图 3. 尺寸图 - 侧面

Figure 4. Components - Back View
图 4. 部件 - 背面图

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Overview

Tile Series Power Interface (See Figure 1) works in conjunction with KNX 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.
- Bus cable - KNX standard 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. KNX bus connector

Components - See Figure 4

Product installation and disassembly

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 ⚠ WARNING

- 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 takes no responsibility for all consequences caused by installation and wire connection which 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

M/PTCI.1*1 / Datasheet*1 / Screw(M4*28mm)*2 / Screw(M4*50mm)*2

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产品概述

方悦面板底座（见图1）与KNX 方悦面板配合使用，为KNX方悦面板提供工作电压和通讯信号。

功能说明

- 为面板提供工作电压
- 为面板提供通讯信号

注意事项

- 面板底座必须安装在暗盒里。
- 必须与面板配合使用。
- 总线 - KNX标准电缆。

产品信息

产品尺寸 - 见图 2-3

1. **通信接口：**提供工作电压和通讯信号。
2. **螺丝孔：**用于固定面板底座在暗盒里。
3. 卡扣
4. 金属板
5. KNX接口

部件 - 见图 4

设备的安装和拆卸

安装 - 见图 5
步骤1. 将底盒安装在墙上。
步骤2. 用螺丝将面板电源底座固定在底盒里。
步骤3. 将面板安装在电源底座上。
步骤4. 装上边框。

安全警告 ⚠ WARNING

- 本设备的安装及调试工作必须由我司或我司指派的机构进行。其电气安装的计划和施工，必须遵守当地相关的安全标准和法规。
- 该产品需安装在暗盒内，未按照本说明书进行安装及接线方式的，所造成的一切后果皆与我司无关。
- 请不要私自拆装或更换零部件，否则可能会导致机械故障、电击、火灾或身体伤害。
- 请将一切维修工作交由我司售后部门或指定机构进行，本产品的保修范围不适用于因用户拆卸产品而导致的故障。

装箱清单

M/PTCI.1*1 / 说明书*1 / 螺丝(M4*28mm)*2 / 螺丝(M4*50mm)*2

3 Frame / 边框 2 Panel module/ 面板面盖 Power interface/电源底座 1 Wall box / 底盒

Figure 5. Installation
图 5. 安装图

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Technical Data

Basic Parameters

Working voltage	21~30V DC
Communication	KNX
Cable diameter of KNX terminal	0.6-0.8mm

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	Flame-retardant nylon, metal
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.

KNX Cable Guide

KNX	KNX cable
-	Black
+	Red

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技术参数

基本参数

工作电压	21~30V DC
通信协议	KNX
KNX端子要求线径	0.6-0.8mm

外部环境

工作温度	-5℃~45℃
工作相对湿度	≤90%
储存温度	-20℃~60℃
储存相对湿度	≤93%

产品规格

尺寸	81.4×81.4×27 (mm)
净重	69g
外壳材料	阻燃尼龙，金属
安装方式	暗盒安装（见图5）
防护级别 (符合 EN 60529)	IP20

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 （Pb）	汞 （Hg）	镉 （Cd）	六价铬 （Cr（VI））	多溴联苯 （PBB）	多溴二苯醚 （PBDE）
塑胶组件	o	o	o	o	o	o
五金铜件	o	o	o	o	-	-
螺丝组件	o	o	o	×	-	-
焊锡	×	o	o	o	-	-
PCB组件	×	o	o	o	o	o
IC	o	o	o	o	×	×

- ：表示不含有该有害物质。

o：表示该有害物质在该部件所有均质材料中的含量均在IEC62321-2015规定的限量要求以下。

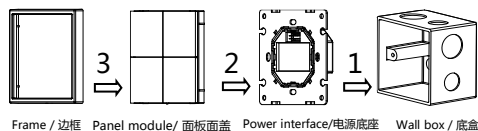×：表示该有害物质至少在该部件的某一均质材料中的含量超出IEC62321-2015规定的限量要求。

KNX总线定义

KNX	KNX 电缆
-	黑
+	红

技术支持
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