

HDL-MPWPID00LN.18(16)-A

Wireless Power Interface EU(US) (L+N Type)

buspro
WIRELESS

Datasheet

Issued: August 15, 2019

Edition: V1.0.0



Figure 1. HDL-MPWPID00LN.18-A

Figure 2. HDL-MPWPID00LN.16-A

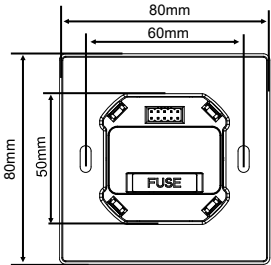


Figure 3. Dimensions - Front View

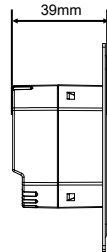


Figure 4. Dimensions - Side View

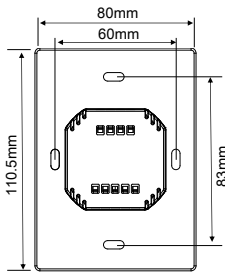


Figure 5. Dimensions - Back View

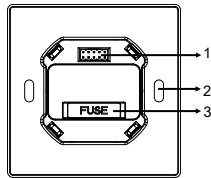


Figure 6. Components - Front View

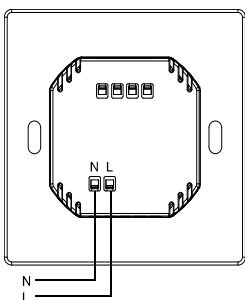


Figure 7. Wiring

Overview

Wireless Power Interface EU(US) (L+N Type) (See Figure 1 - 2) is used in conjunction with the wireless panel and provides working voltage for wireless panel. The power interface is divided into two types: European standard and American standard.

Functions

- Provides DC 5V working voltage for wireless panels
- Overheat protection for power interface chip

Important Notes

- The wireless power interface must be wall box mounted.
- The wireless power interface must work in conjunction with wireless panel.
- The newly replaced fuse must be the same type, no more than 2A fast fuse (aR type).

Product Information

Dimensions - See Figure 3 - 5

Components - See Figure 6

1. **Interface:** Connects to the panel
2. **Hole for fixing screw**
3. **Fuse**

Wiring - See Figure 7

FAQ

If the wireless power interface cannot supply power and the panel cannot work properly, please try the following operations:

1. Separate the panel and wireless power interface, and install again, then check.
2. If the panel cannot work properly, check the fuse.
3. Use multimeter to measure the voltage of the wireless power interface and the panel. If the voltage is not DC5V ($\pm 1V$), the wireless power interface is damaged.

Installation - See Figure 8

- Step 1. Install the wall box in the wall.
- Step 2. Fix the power interface onto the wall box with screws.
- Step 3. Hold the edge of the panel, and insert the panel in the slots of power interface vertically.

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-MPWPID00LN.18(16)-A*1 / Datasheet*1 / Screw*4(long screw*2 and short screw*2)

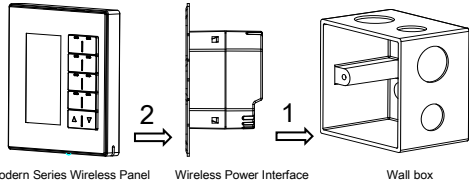


Figure 8. Installation

Technical Data

Basic Parameters

Input voltage	AC100-240V (50/60Hz)
Maximum output current	100mA / 5V DC
Fuse	2A, aR type

External Environment

Working temperature	-5°C~45°C
Working relative humidity	≤90%
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%

Specifications

Dimensions	80×80×39 (mm) (EU) 80×110.5×39 (mm) (US)
Net weight	128g (EU) 138g (US)
Housing material	Flame-retardant nylon, iron
Installation	Wall box (See Figure 8)
Protection rating (Compliant with EN60529)	IP20
Fire and neutral wire	2.5mm ² copper cable

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 “x” 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.

Technical support

E-mail: hdtickets@hdlautomation.com

Website: <https://www.hdlautomation.com>

©Copyright by HDL Automation Co., Ltd. All rights reserved.
Specifications subject to change without notice.