HDL®

Datasheet | Hotel Master Card Switch HDL-MHIC.48

Parameters

Electrical Parameters (from HDL-MPPI.48):	
Power supply	DC12-30V
Buspro power consumption (from HDL-MPPI.48)	52mA/DC24V
Card type	MIFARE ONE S50 13.56MHz
Environmental Conditions:	
Working temperature	-5℃~45℃
Working relative humidity	Up to 90%
Storage temperature	-20℃~+60℃
Storage relative humidity	Up to 93%
Approved	
CE	
RoHS	
Product Information:	
Dimensions	86×86×20.5 (mm)
Net weight	MHIC.48(Glass): 107(g) MHIC.48(Aluminum): 68(g)
Housing material	MHIC.48(Glass): Glass, ABS MHIC.48 (Aluminum): Aluminum, ABS
Installation	EU wall box
Protection rating	IP20

Important Notes

- It must be used in conjunction with HDL-MPPI.48 device (be installed in wall-box).
- Buspro cable — HDL Bus/KNX cable, 0.8mm single-core copper cable.
- Buspro connection — Series connection (hand-in-hand).
- Installation — EU wall box.
- Third party card: when use the third party RF card, make sure to open the password of data area.

Installation Steps

- Connect bus cables. Make sure the color of wire complies with the definition.
- Make sure the correct bus cable type is used and there are no short circuits.
- Mount the HDL-MPPI.48 in the wall-box.
- Put this device into HDL-MPPI.48.

Overview



HDL - MHIC.48(Glass)



HDL - MHIC.48(Aluminum)

The HDL-MHIC.48 Hotel Master Card Switch are designed to control the master card energy gaining and hotel guest room facility using. They have built-in Mirare FR card reader and can recognize different types of card, including guest card, waiter card, cleaner card, mender card, manager card.

Functions

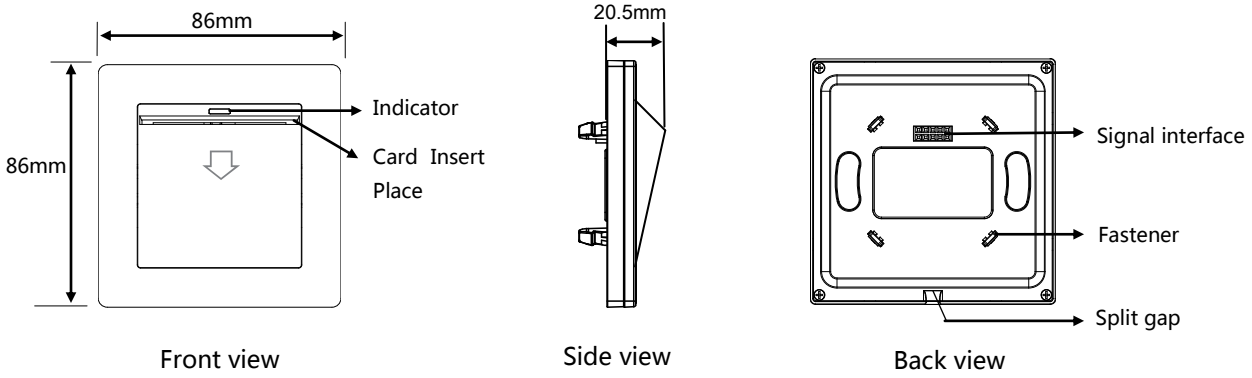
- Support master card energy gaining & power management.
- Support ID recognition, enable to control different scenes for different types of card.
- Types of card: Guest card, waiter card, cleaner card, mender card, manager card.
- Mechanical switch can be configured when the card is inserted or taken off. Maximum 49 targets can be controlled via the switch. Maximum 99 targets can be controlled via other key modes.
- Online upgrading from Buspro is available.

HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDL Buspro/KNX
Brown/Orange	DC24V	Red
Brown white/Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/Green	DATA+	Yellow

HDL Limited Warranty- HDL warrants this product for a period of 2 years from the date of purchase. This product will be free from defects in material & workmanship, and perform in conformity with its User Manual. Any improper use or neglect will void this warranty.
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Dimensions



Front view　　Side view　　Back view

Notes:

Card: The new cards have to be assigned by the hotel guest room management software. There are totally 5 types of cards: Guest card, waiter card, cleaner card, mender card, manager card. When you use different cards, you can control different targets.

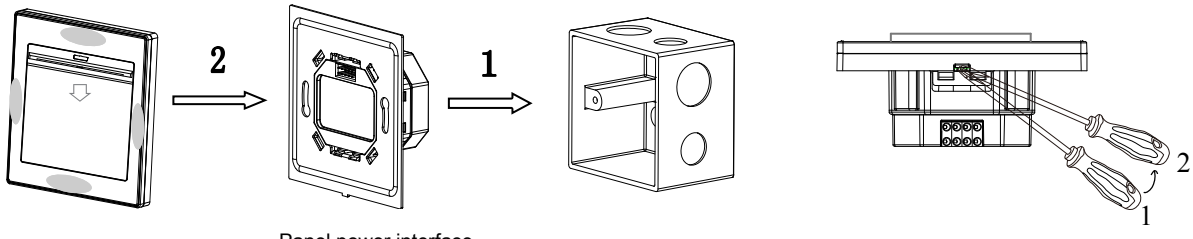
Indicator: After power is on, it turns to red. And it turns to green after the card is inserted.

Master Card panel: The information of the panel should match the information of the card.

Signal interface and fastener: Connect to panel power interface (MPPI.48).

Split gap: Insert the slotted screwdriver to the split gap, separate the panel and power module (MPPI.48).

Installation



MHIC.48　　Panel power interface (MPPI.48)　　EU wall box　　Separate MHIC.48 and power interface

Installation: Hold the edge of MHIC.48 (as above shows), insert the power interface module vertically. Do not push this module too hard.

Split: Insert a 2.5mm screwdriver to the split gap, pry up from position 1 to 2, wiring hole will open. Then separate the MHIC.48 and MPPI.48.

Safety Precautions

WARNING

- The tightening torque should not exceed 0.2Nm.
- Do not get AC power into Bus wire, or it will damage all devices in the system.
- Never expose the switch to liquids or corrosive gas.
- Ensure good ventilation.

Package Contents

Datasheet	×1
HDL-MHIC.48	×1

Contact Us

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