Parameters

Electrical Parameters:

Input voltage	AC85-260V 50~60Hz
Output current	1200mA
Output voltage	DC24V
Output ripple wave	Less than 150mV

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	72×90×66 (mm)
Net weight	188g
Housing material	Nylon, PC
Installation	35mm DIN rail installation
Protection rating	IP20

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

Important Notes

- Buspro cable – CAT5E or HDL Buspro/KNX cable
- Buspro connection - Series connection (hand-in-hand)
- When system needs more power supplies, please pay attention to the correct connection. When it is connected 2 power supplies, it needs to cut off the 24VDC power supply.
- The module has two terminals, total output current is 1200mA max.

Overview

HDL-MSP1200.431 is a power supply module. The module can supply DC24V voltage , 1200mA current. It has 2 kinds of connection types, the total current is 1200mA
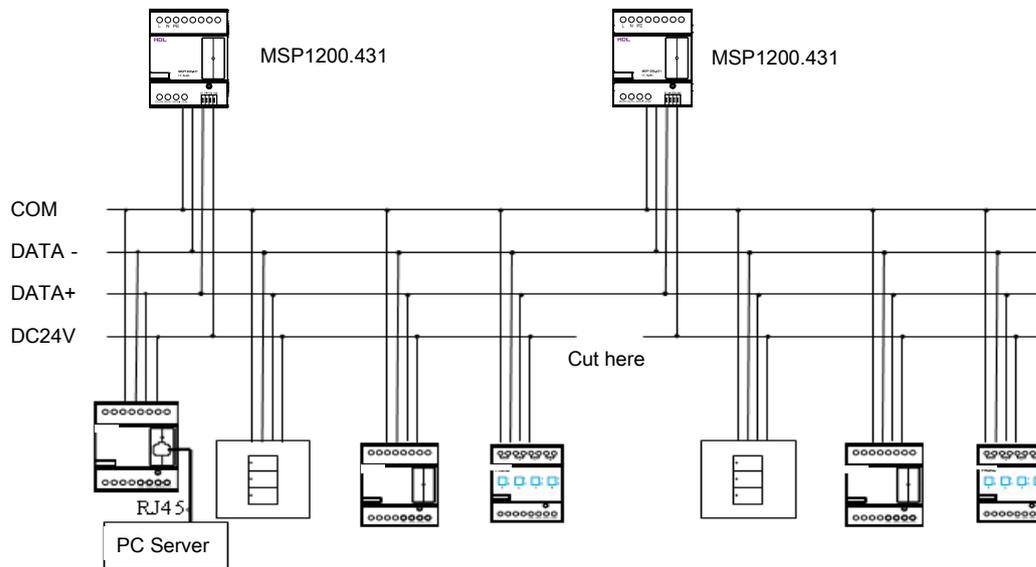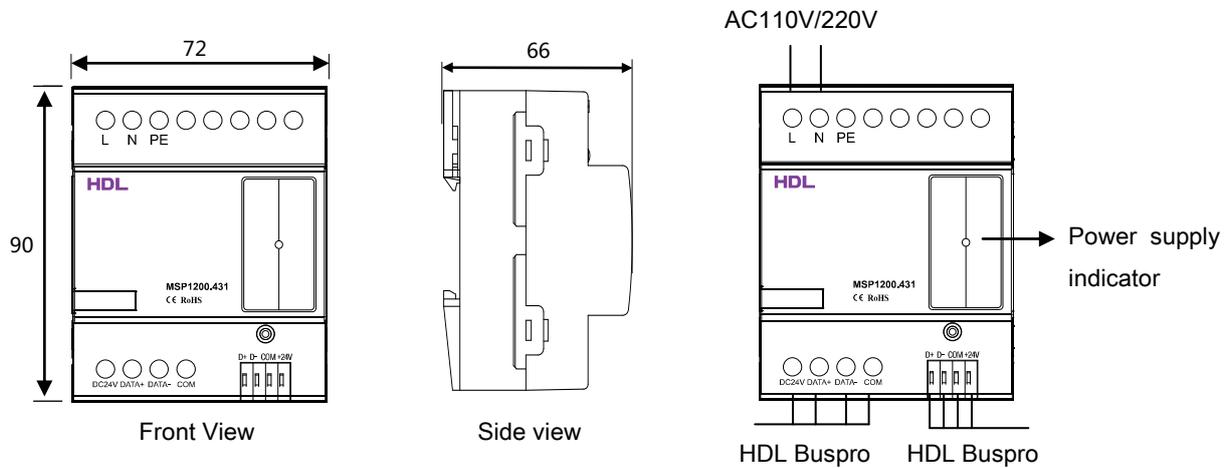
Functions

- Protection: Short circuit and over current protection
- Voltage Supply: DC24V
- Ripple Wave: Less than 150mV

Installation Steps

- Mount the device on the DIN rail inside the DB Box.
- Connect HDL Buspro cable.
- Check the connection, avoid any mistake.

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Dimensions and Wiring

AC110V/220V

72

90

L N PE

HDL

MSP1200.431
CE RoHS

DC24V DATA+ DATA- COM   D+ D- COM +24V

Front View

66

Side view

L N PE

HDL

MSP1200.431
CE RoHS

→ Power supply indicator

DC24V DATA+ DATA- COM   D+ D- COM +24V

HDL Buspro   HDL Buspro

MSP1200.431   MSP1200.431

COM
DATA -
DATA+
DC24V

Cut here

RJ45

PC Server

Safety Precautions ⚠ WARNING

- The screw down strength should not exceed 0.4Nm
- AC85-260V power cable: 0.75mm² ~1.5mm²
- Do not get AC power into Buspro interface and the terminal of the 24VDC power supply , it will damage all devices.
- Do not let the device come into contact with liquids and corrosive gases.
- Ensure good ventilation.

Package Contents

- Datasheet*1 / Power Supply (HDL-MSP1200.431)*1 / Bus terminal *1

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