



Figure 1. 2400mA Power Supply Module
图 1. 2400mA系统电源模块

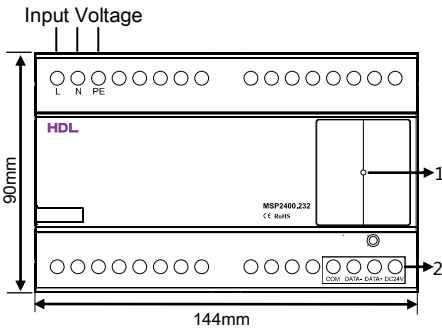


Figure 2. Dimensions - Front View
图 2. 尺寸图 - 正面

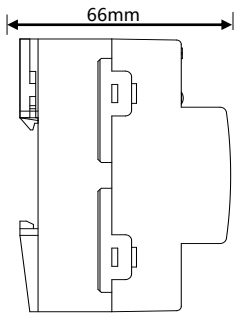


Figure 3. Dimensions - Side View
图 3. 尺寸图 - 侧面

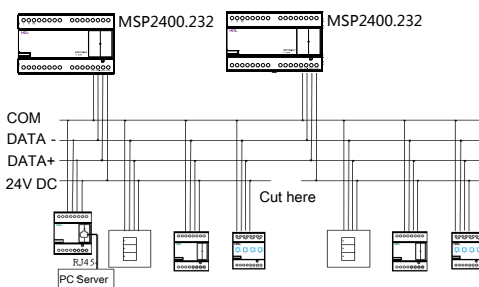


Figure 4. Wiring
图 4. 接线图

Overview

2400mA Power Supply Module (See Figure 1) provides 24V DC voltage and 2400mA current to the Buspro system.

Functions

- Over current protection and short circuit protection
- Power Supply: 24V DC

Important Notes

- Buspro cable - CAT5E or HDL Buspro/KNX cable.
- Buspro connection - Series connection (hand-in-hand recommended).
- If one power module is not enough for one system with several devices, two or more power supply modules can be parallel connected, but the 24V DC power supply should be cut off.

Product Information

Dimensions - See Figure 2 - 3

Wiring - See Figure 4

- Power indicator
- HDL Buspro connector

Installation - See Figure 5 - 7

- Fix the din rail with screws.
- Buckle the bottom cap of the 2400mA Power Supply Module on the edge of the din rail.
- Press the device on the din rail, slide it and fix it up until an appropriate position is adjusted.

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 with Din rail in DB 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-MSP2400.232*1 / Datasheet*1 / Label*5

产品概述

2400mA系统电源模块（见图1）提供24V直流电压，2400mA电流。

功能说明

- 具有短路保护，过流保护
- 供电：24V DC

注意事项

- 总线 - HDL Buspro/KNX专用电缆
- 总线连接 - 推荐手拉手的连接方式
- 系统需要多个电源模块供电时，可以接两个或多个电源，但是需要断开24V连接

产品信息

产品尺寸 - 见图 2 - 3

产品接线 - 见图 4

- 电源指示灯
- HDL Buspro 接口

设备的安装 - 见图 5 - 7

- 用螺丝固定导轨。
- 2400mA系统电源模块底盖的一端扣上导轨的边上。
- 将整个模块压到导轨上，并滑动模块直至调整到合适的位置则固定下来。

安全警告



- 本设备的安装及调试工作必须由我司或我司指派机构进行。其电气安装的计划 and 施工，必须遵守当地相关的安全标准和法规。
- 该产品需以丁轨安装方式，安装在电箱里，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与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

HDL-MSP2400.232*1 / 说明书*1 / 标签纸*5

Technical Data

Electrical Parameters

Input voltage	AC100-240V(50/60Hz)
Output current	2400mA
Output voltage	24V DC

External Environment

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

Specifications

Dimensions	144×90×66 (mm)
Net weight	387g
Housing material	Nylon, PC
Installation	35mm DIN rail installation (See Figure 5 - 7)
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	x	-	-
Solder	x	o	o	o	-	-
PCB	x	o	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.

HDL Buspro Cable Guide

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

技术参数

电气参数

输入电压	AC100-240V(50/60Hz)
输出电流	2400mA
输出电压	24V DC

外部环境

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

产品规格

尺寸	144×90×66 (mm)
净重	387g
外壳材料	尼龙, PC
安装方式	35mm 丁导轨安装 (见图5-7)
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	x	-	-
焊锡	x	o	o	o	-	-
PCB组件	x	o	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。

x : 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。

总线定义

HDL Buspro	HDL Buspro/KNX	CAT5/CAT5E
COM	黑	棕白/橙白
DATA-	白	蓝白/绿白
DATA+	黄	蓝/绿
24V DC	红	棕/橙



Figure 5 / 图 5

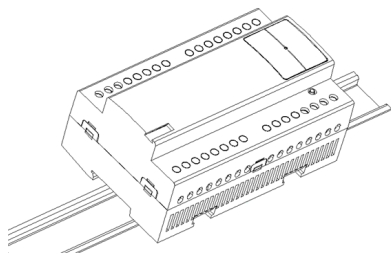


Figure 6 / 图 6

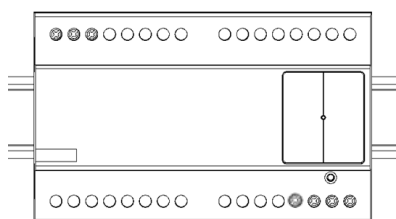


Figure 7 / 图 7

Figure 5 - 7. Installation
图 5 - 7. 安装图

技术支持

服务热线：020-85820195

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