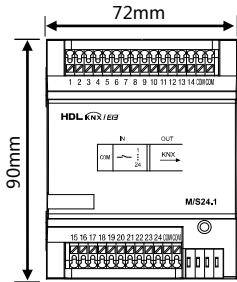
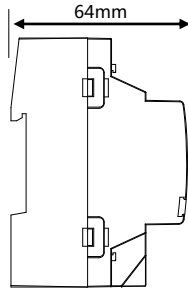
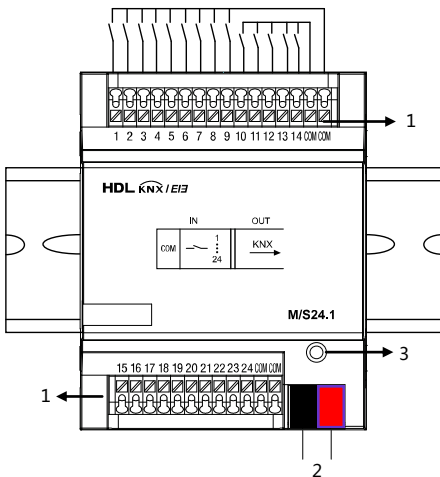


Figure 1. 24 Zone Dry Contact Module
图 1. 24路干接点输入模块Figure 2. Dimensions - Front View
图 2. 尺寸图 - 正面Figure 3. Dimensions - Side View
图 3. 尺寸图 - 侧面Figure 4. Wiring
图 4. 接线图

Overview

24 Zone Dry Contact Module (See Figure 1) supports 24-channel dry contact input and each of which can be individually controlled with up to 13 different control targets.

Functions

- Control types: Switch control, Switch/Dimming control, Shutter control, Flexible control, Scene control, Sequence control, Percentage control, Threshold control, String(14 bytes) control, Forced control, Counter control, Bell control, Combination control.
- 24-channel dry contact input supported.
- Dry contact type can be set as mechanical switch or electric switch.

Important Notes

- Installation - Distribution board.
- Programming - This device is compliant with the KNX standard and can only be programmed by ETS software.
- KNX Bus voltage - 21~30V DC, no AC power supply allowed.
- Dry contact cable requirements: Applicable wire: 0.5~0.75mm², stripping length: 8.5~10mm, shielded cable recommended, less than 20 meters.

Product Information

Dimensions - See Figure 2 - 3

Wiring - See Figure 4

- Dry contact input
- KNX interface
- Programming button

Dry contact wiring:

- Step 1. Press the terminal with a slotted screwdriver, and wiring hole will open.
- Step 2. Put the cable into the wiring hole, loosen the push rod, and the wire will be locked.

Installation - See Figure 5 - 7

- Step 1. Fix the DIN rail with screws.
- Step 2. Buckle the bottom cap of the module on the edge of the DIN rail.
- Step 3. 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.
- 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

M/S24.1*1 / Datasheet*1

产品概述

24路干接点输入模块(见图1)包含24路干接点输入,每路输入可以单独进行多达13种不同的控制。

功能说明

- 控制包括:开关控制,开关和调光组合控制,窗帘控制,灵活控制,场景控制,序列控制,百分比控制,阈值控制,字符串控制,强制控制,计数控制,响铃控制,联合控制。
- 24路干接点输入。
- 干接点可设置成机械开关或者电气开关。

注意事项

- 安装位置 - 配电箱。
- 编程 - 本设备属于KNX标准系统设备,使用ETS软件进行编程。
- KNX总线电压 - 21~30V DC,不能接入交流电源。
- 干接点电缆要求:适用线材: 0.5~0.75mm²,剥线长度: 8.5~10mm,建议为屏蔽电缆,最长20米。

产品信息

产品尺寸 - 见图 2-3

产品接线 - 见图 4

- 干接点输入
- KNX接口
- 编程按键

干接点接线:

- 步骤1. 使用一字螺丝刀或其它工具按压推杆,此时接线孔打开。
- 步骤2. 把导线放入接线孔,松开推杆,导线即锁紧。

设备的安装 - 见图 5-7

- 步骤1. 用螺丝固定丁导轨。
- 步骤2. 将24路干接点输入模块底盖的一端扣上导轨的边上。
- 步骤3. 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。
- 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/S24.1*1 / 说明书*1

EN

Technical Data

Electrical Parameters

Working voltage	21~30V DC
Working current	10mA / 30V DC
Communication	KNX/EIB
KNX terminals	Φ0.6 – 0.8mm single core cable

External Environment

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

Specifications

Dimensions	90mm×72mm×64mm
Net weight	110g
Housing material	Nylon
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
IC	o	o	o	o	x	x

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.

KNX Cable Guide

KNX	KNX cable
-	Black
+	Red

ZH

技术参数

电气参数

工作电压	21~30V DC
工作电流	10mA / 30V DC
通信方式	KNX/EIB
KNX总线接线端子	Φ0.6-0.8mm单芯电缆

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	90mm×72mm×64mm
净重	110g
外壳材料	尼龙
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
IC	o	o	o	o	x	x

- : 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。

KNX总线定义

KNX	KNX 电缆
-	黑
+	红



Figure 5 / 图 5

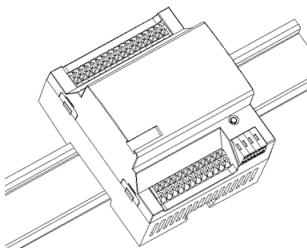


Figure 6 / 图 6

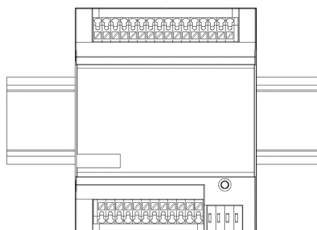


Figure 7 / 图 7

Figure 5-7. Installation
图 5-7. 安装图

技术支持

服务热线：020-85820195

(工作时间：9:00-12:00, 13:00-18:00, 星期一至星期五)

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