

DSD KX-02001-1157

DECENTE control unit with universal  
KNX interface

Hardware Version: A

Software Version: 1.1



Datasheet

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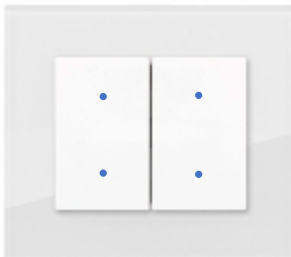


Figure 1. DECENTE control unit



Figure 2. KNX 4-Zone Dry Contact Module

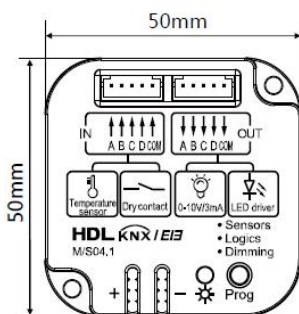


Figure 3. Dimensions

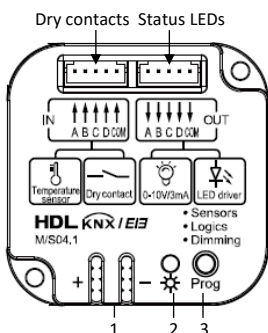


Figure 4. Wiring

## Overview

The DECENTE control unit with universal KNX interface (See Figure 1 - 2) is equipped with four control buttons (two rockers with a middle position) and four status LEDs.

## Functions

- Four control buttons (two rockers with a middle position) connected to four dry contact inputs
- Four status LEDs connected to four outputs
- The status of each button can be indicated by the corresponding LED
- Control types: Switch control, Dimming control, Shutter control, Flexible control, Scene control, Sequence control, Percentage control, Threshold control, String control, Forced control, Counter control, Combination control, LED status indication
- Recommended settings:
  - Work mode – Sensors controller
  - Activation of status LEDs of individual channels
  - Individual channels set as dry contacts sensors
  - Maximum drive voltage of LEDs 9.5 V
  - Default ON brightness of LEDs 30 – 100 %

## Product Information

Dimensions – See Figure 3

Wiring – See Figure 4

1. KNX interface
2. LED indicator of programming button
3. Programming button

## Installation

- Step 1. Install the wall box in the wall and install the bus power cable
- Step 2. Connect the bus power cable
- Step 3. Install the clamp with the universal KNX interface into the wall box using the screws
- Step 4. Use the screws to install the frame on the clamp
- Step 5. Install and secure both rockers with light pressure

## Important Notes

- Programming – This device is compliant with the KNX standard and only can be programmed by ETS Software
- KNX Bus voltage – 21 ~ 30V DC



WARNING

## 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

DSD KX-02001-1157\*1 / Datasheet\*1

## Technical Data

Basic Parameters	
Working voltage	21~30V DC
Working current	5 mA/30V DC
Communication	KNX
Cable diameter of KNX terminal	Ø 0.6-0.8mm
External Environment	
Working temperature	-5°C~+45°C
Working relative humidity	≤90%
Storage temperature	-20°C~+60°C
Storage relative humidity	≤93 %
Specifications	
Dimensions (w×h×d)	110×95×35mm
Net weight	0.024 kg (universal KNX interface), DECENTE control unit according to the material used
Housing material (KNX interface)	Flame-retardant ABS
Housing material (DECENTE)	PC, frame according to the material used
Installation	Switch box installation
Protection rating (Compliant with EN 60529)	IP20

## KNX Cable Guide

KNX	KNX Cable
-	Red
+	Black

Producer:  
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