Features

- HDL KNX / EIB 4 dry contact sensor is in full compliance with European safety standards and the KNX association protocol.
- It contact to temperature sensor and dry contact, with the function of sending the variety data points at the same time that can simultaneously control many different types of KNX equipment.
- The simple to use Multi control for: Switch controller, Switch/Dimming controller, Shutter controller, Flexible controller, Scene controller, Sequence controller, Percentage controller, Threshold controller, String controller, Forced controller, Counter controller, Combination controller, LED status indication
- Three work modes:
  Sensors controller(Dry contact sensor,Temperature sensor)
  Logic controller
  Dimming controller(0-10V)

Important Notes

- **Special Programming** – This device is designed for professional KNX installation only and will only operate in basic modes unless programmed via a computer. If programming is required, contact your local agent for details.
- **Check Connections** – Re-tighten all connections after installation.
- **Mounting Location** –When installed outdoors, pay attention to waterproof.
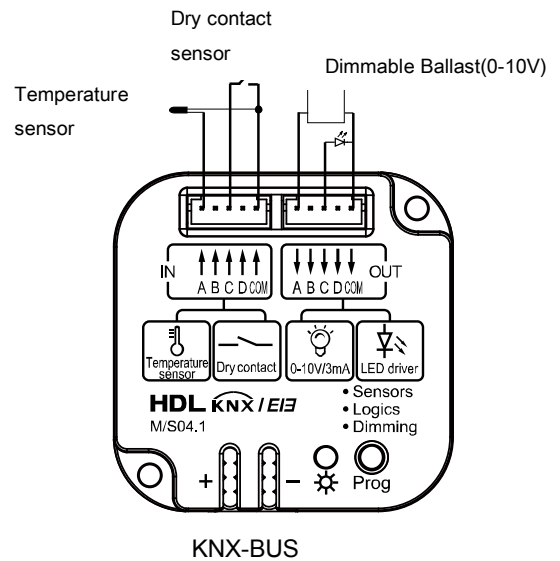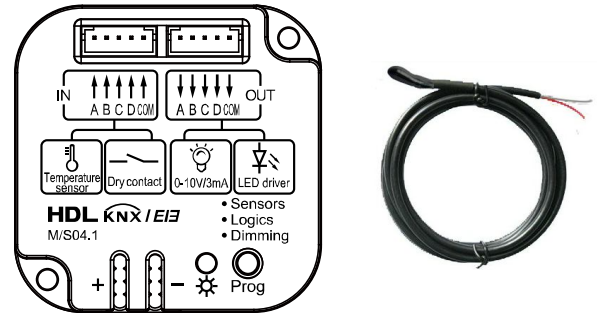
Installation Steps

- Mount the device inside an approved electrical enclosure.
- Connect KNX TPI bus cables. Ensure correct cable type and lengths.
- Re-check all terminations prior to energizing.
- Energize supply and KNX bus. KNX bus shall be between 21-30Vdc.

Product Specifications

- **Working Voltage** ： 21-30 V DC
- Dynamic ： <25mA
- Static Current ： <5mA
- Output Voltage ： 0-10V DC
- Output Current ： 3mA
- Input sensors: Switch/Temperature sensor
- Temperature sensor choice ： Thermistor ， Resistance is 10 k ohm in the normal temperature 25 degrees. You have to choice the special thermal resistance supplied by HDL.
- Control IO: KNX TP1 control port
- User Controls: Manual Over-ride switch for each button.
- KNX Terminals: KNX Bus Spring Terminals – Wago 243 (Red / Grey) 0.6 – 0.8mm Diameter Single Core KNX Cable Aux Supply Terminals: Spring Terminals – Wago 243 (Yellow / White) 0.6 – 0.8mm Diameter Single Core Wire
- Compliance: CE, KNX
- Construction Dimensions: H50mm x W50mm x D13mm
- Housing Material: inflaming retarding ABS

Types

M/S04.1

KNX-BUS

WARNING

- Risk of electric shock
- Do not cut or terminate live wires. De-energize and isolate al supply, load and control wiring prior to installation or servicing. Do not expose this device to rain or moisture, The device is only suitable for indoor installations, Re check all wiring terminations prior to energizing the device. Installation, programming and maintenance must be carried out by qualified personnel only .
- Do not connect KNX Tp1 bus or AUX supply to mains or load wiring
- Do not connect KNX TP1 bus to AUX supply
- KNX TP1 bus and AUX supply are SELV and they must be isolated and segregated from mains and other wiring as per the local wiring rules and KNX installation recommendations.