Features

- The Dimmer Actuators can dimming for 1,2,4 and 6 channels independent loads.
- Leading Edge dimming or Trailing Edge dimming for dimmer.
- Parallel channels to form a larger current output .
- The dimmers may be used for dimming ordinary incandescent lamps, low voltage halogen lamps and other light sources which support leading or trailing edge technology
- The module functions : Statistics total ON time，Status respone,   Status recovery, Over temperature protection, Read temperature, Over temperature alarm, Staircase light, Flashing light, Scene control, Scene dimming, Sequence control, Threshold control, Heating actuator (PWM).
- Short circuit protection, over load protection, over Heat protection

Important Notes

- **Special Programming** – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- **Load type**–Incandescent light 、halogen、Dimmable LED Light etc
- Trailing edge Mode is recommended for capacitive resistive
- Leading edge mode is recommended for inductive load and resistive
- **Check Connections** – Re-tighten all connections after installation.
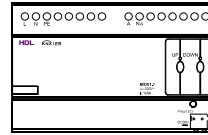- **Output Circuit** – Total current should not exceed 6A.

Installation Steps

- Labeling for AC power wires, loads wires and KNX Bus wire
- Mount the device on a DIN rail of DB
- Connect wires for loads and AC power
- Make sure there is no circuit short or open.
- Make sure the KNX cable type is correct and has no circuit short
- Connect KNX cables. Make sure the color is correct
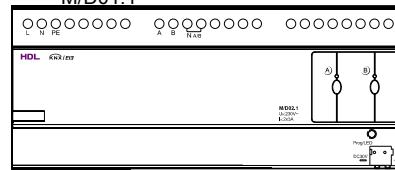- Tidy the all Wire and separate KNX wire from AC power wire

Product Specifications

- **Working Voltage :** 21-30V DC
- **Communication:** KNX/EIB
- **Dynamic Current : <** 15 mA
- **Static Current : <** 5 mA
- **Output Current :** 6 Ch/1A, 4 Ch/1.5A,2 Ch/3A, 1 Ch/6 A
- **Rated Voltage :** 220-250V AC (50/60 Hz)
- **User Controls:** Manual Over-ride switch for each channel, KNX LED & button programming
- **KNX Terminals:** KNX Bus Terminal – Wago 243 (Red /Grey) 0.6 – 0.8mm Diameter Single Core
- **Output Terminals:** Line In, Line Out for each channel 2.5-4mm^2
- **Compliance:** CE, KNX
- **Working Temperature :** -5℃~45℃
- **Working Relative Humidity :** 10%~98%
- **Storage Temperature :**   -40℃~55℃
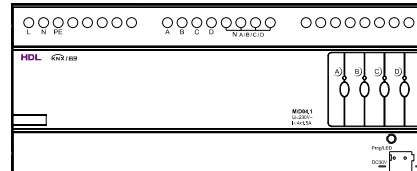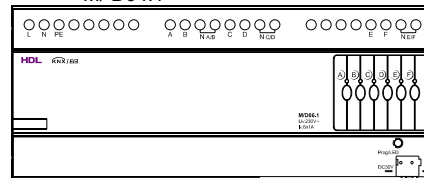- **Storage Relative Humidity :** 10%~98%
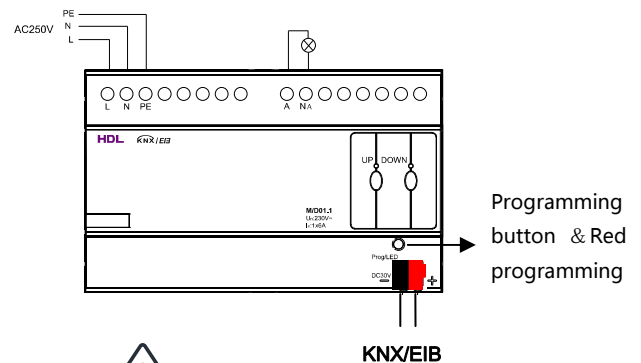- **IP class: IP20**

Types

M/D01.1

M/ D02.1

M/ D04.1

M/ D06.1

Programming button ＆Red programming

KNX/EIB

WARNING

- Screw down strength is less than 0.4Nm
- Connect a breaker for the device
- Installation Position: Distribution Box (DB)
- Do not make wrong connection on KNX/EIB interface, it will damage the KNX/EIB interface this module
- Do not get AC240V voltage into KNX/EIB Bus wire , it will damage all of devices in system
- Assure a good ventilation circumstances
- Rain, liquid, and aggressive gas are not allowed to close to it.