

Parameters

Electrical Parameters	
Working Voltage	21~30V
Communication	KNX/EIB
Dynamic Current	< 15mA
Static Current	< 5mA
Dimming Output	DC0~10V, 24mA per channel
Channel Current	10A/CH
Shut off way	Pulsed with the lock relay shut off
Relay working Voltage	220~250V AC(50/60Hz)
User Controls	Manual operation for each channel, KNX LED & button programming
KNX Terminals	KNX Bus Terminal – (Red /Grey) 0.6 – 0.8mm Diameter Single Core
Electrical life time	>100000
Mechanical life time	>1000000
Environmental Conditions	
Working temperature	-5°C~45°C
Working relative Humidity	Up to 90%
Storage temperature	-20°C~+60°C
Storage relative humidity	Up to 93%
Approved	
CE, RoHS	
KNX	
Product information	
Housing Material	Nylon
Installation	35mm DIN rail installation
Dimensions	H90mm x W144mm x D 66mm
Net weight	448.7g
Protection rating	IP20

Installation Steps

- Labeling for AC power wires, loads wires and KNX/EIB wire
- Mount the device on a DIN rail of DB
- Connect wires for loads
- 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

Overview



M/DA06.10.1 can dimming from 0V to 10V for per channel. The outputs for MAX 10A be switched ON or OFF on every output channel, also can manually switch. Control types include both input and output, so, Absorption and output type ballast can be connected to this module.

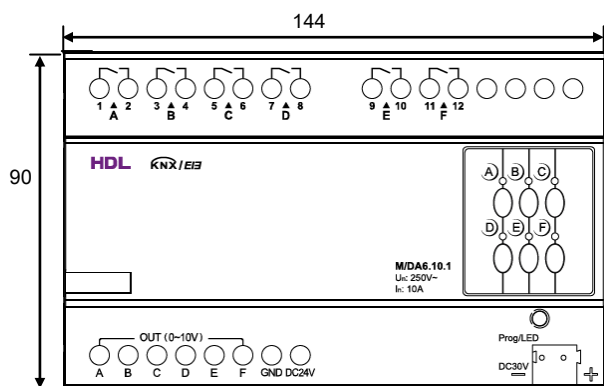
Functions

- 6 Channel 0-10V dimming and maximum 10A relay output for every channel. also can manually switch.
- The switch functions : Statistical total ON time, Status response ,Status recovery, Upper limit , Lower limit, Staircase light , Scene control , Scene dimming, Sequence control , Threshold switch, Heating actuator(PWM).

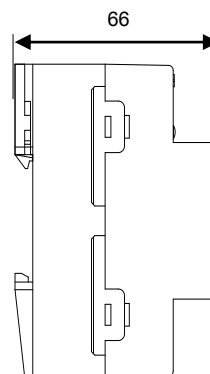
Important Notes

- Special Programming – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- Check Connections – Re-tighten all connections after installation.
- Output Circuit – The load on the switched circuits must not exceed the specified capacity of 10A, these circuits should be fed via a 10A fuse/circuit breaker.

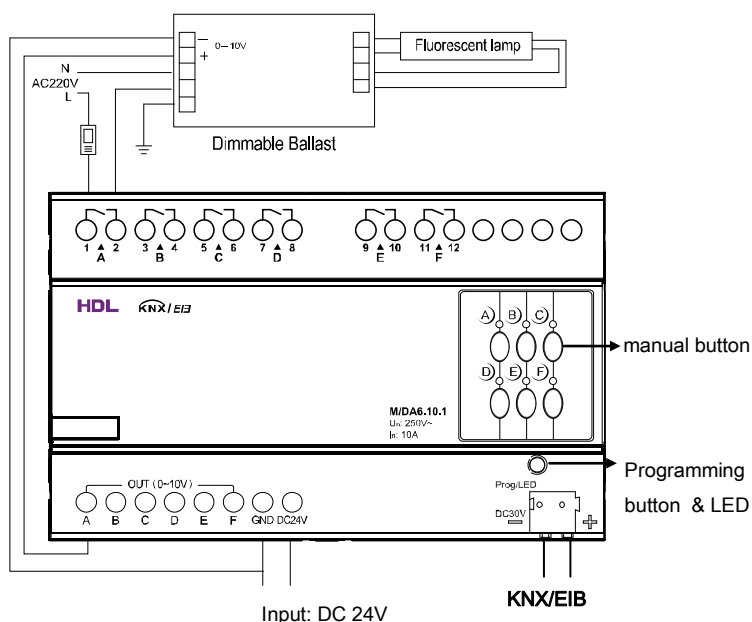
Layout and Wirings



Front view



Side view



Safety Precautions



- 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 AC220V voltage into KNX/EIB Bus wire , it will damage all of devices in system.
- Assure a good ventilation circumstances.
- Do not expose the device to liquids and corrosive gases.

Package Contents

- Device*1 / Datasheet*1

