

Parameters

Performance parameter:	
Working power	Master key 21~30VDC
	Slave key support by master key
Static Current	< 15mA
BUS interface	KNX/EIB
Model NO	Master key M/AMP.1
	Slave key M/ASP.1
KNX Terminals	Wago 243 (Red /Black) 0.75 – 0.85mm Diameter Single Core
Environmental Condition:	
Working temperature	0°C~45°C
Working relative Humidity	40%~98%
Storage temperature	-20°C~+60°C
Storage relative humidity	10%~93%
Approve :	
CE	
RoHS	
Production information :	
Dimension	Master key 23.5×23.5×43 (mm)
	Slave key 23.5×23.5×35 (mm)
Weight	Master key 21g
	Slave key 13g
Housing Material	ABS
Installation	Work with panel, wall-box
Protection Degree	IP20

Important Notes

- Slave key must work with master key.
- **Special Programming** – This device is designed for professional KNX installation. It can only be programmed by ETS software.
- **Cable Connections** – Do not get wrong connection for Black and Red wires.
- **Voltage** - The input of voltage must be between 21-30VDC.
- **Connection** - connect master key to slave key by specified cable.

Overview



KNX/EIB master key and slave key are comply with European standard, master key can work independently, slave key must connect to master key for work. One master key can connect to 3 slave keys.

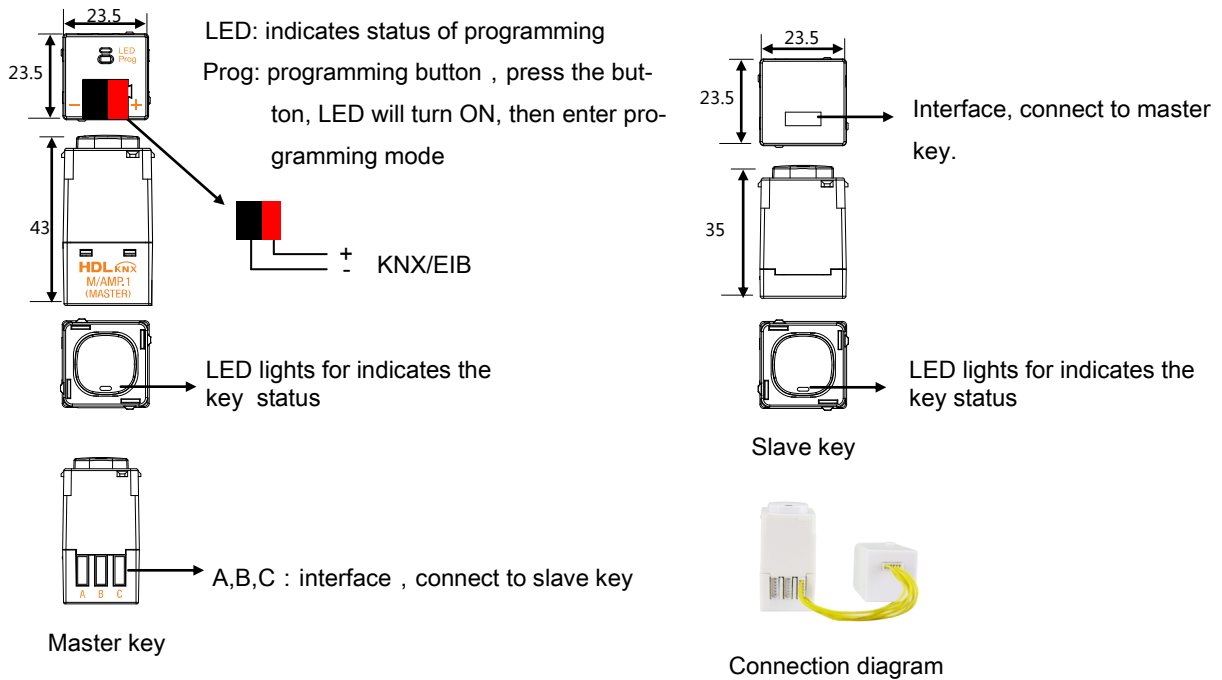
Functions

- Each key has a LED indicator.
- It support many kind of data point and function, include Switch control, Dimming, Shutter control, Flexible control, Scene control, Sequence control, Percentage control, Threshold control, Combination control, String(14bytes) controller,
- Press the programming button, LED indicator will turn ON, enter the programming mode, then you can download the database by ETS software.

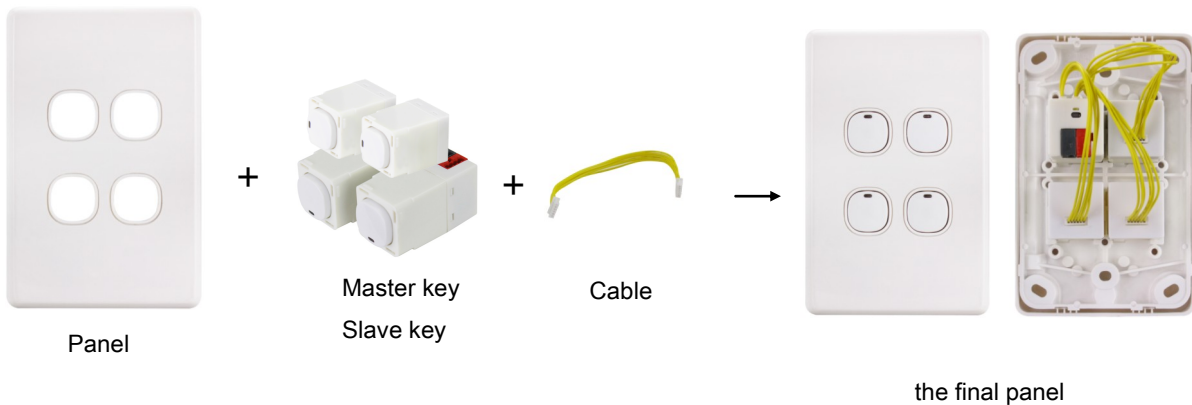
Installation Step

- Put the master key into panel
- Put the slave key into panel
- Connect master key to slave key
- KNX/EIB Cable Connection
- Make sure the connection is right
- Put the panel into wall-box

Layout and Wiring



Installation



Put master key and slave key into panel.
Connect master key to slave key.

Safety attention 

- KNX TP1 bus is SELV and they must be isolated and segregated from mains
- Do not get wrong connection on positive and negative for the bus cable
- Avoid the rain or water into module, it will damage this devices
- Do not get AC220V/AC110V voltage into Bus wire, it will damage all of devices in system