Parameters

**Electrical parameters**
- Working power: 21~30VDC
- BUS interface: KNX/EIB
- Current: < 10mA
- KNX Terminal: (Red/Black) 0.75 – 0.85mm Diameter Single Core

**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**
- Dimensions: 144×90×66 (mm)
- Net Weight: 239.4g
- Housing Material: Nylon
- Installation: Standard 35mm Din Rail Installation
- Protection Degree: IP20

**Important Notes**
- **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.

**Installation Steps**
- Mount the device on a DIN rail of DB KNX/EIB
- Make sure the connection is right

**Overview**

Timer Master/Slave 4CH Controller is fully complying with European safety standards and KNX association protocol. High Performance EMC Filter is embedded, which fully complying the requests of EMC in Europe. This timer controller is embedded with RTC, can run real time itself, can used as master timer and slave timer.

**Functions**
- Master clock
- Slave clock
- Year routine
- Month routine
- Week routine
- Day routine
- Special day
- Switching control
- Alarm control
- Shutter control
- Scene control
- Sequence control
- Percentage control
- Threshold control
- Power on recovery
Layout and Wiring

Control button
【Enter】 Confirm Button
【Esc】 Esc button
【▲】 Page up , Used for modify by manual, will increase when pushing
【▼】 Page down , Used for modify by manual, will decrease when pushing
【<】 Left Move—Used for selecting of item and cursor location
【>】 Right Move—Used for selecting of item and cursor location

Safety precautions
- Screw down strength is less than 0.4Nm
- 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 AC voltage into Bus wire , it will damage all of devices in system