1 Installation

Refer to Motorized Curtain Kit User Manual V2.0 (Download from google drive or watch video guide from Yuoutube)

- Install the motor on curtain track and set the limit point, manually pull the carrier to start and and run until stops at the end point, Open and close once respectively
- Supply power and plug KNX bus cable

2 Operation and Use

2.1 Button Operation

- Programming button and LED indicator. When downloading the physical address through ETS Software by short press the programming button, LED indicator will be light up, and the device will enter the programming mode; after the physical address download is completed , The LED indicator will be automatically turn off.
- Black Button(LEARN) in the motor bottom, it is used for match with motor and remote controller

2.2 Communication Object

No	Type	Object Name	Function	Flags
0	1bit DPT1.009	Up-Down/Open-Close	Up-down control or Open-close control	C,W
1	1bit DPT1.010	Stop Control	Stop the motor	C,W
2	1bit DPT1.012	Direction Control	Invert the motor direction	C,W
3	1byte DPT5.001	Position of Motor	Percent position of motor	C,R,T,
4	1byte DPT18.001	Scene	Scene control	C,W
5	1byte DPT5.001	Set the position of running	Percent position of motor	C,W

* Special Instructions

Percentage Control and Percentage feedback can be done by different group address, In order to test this function,Motor have to be installed with track.
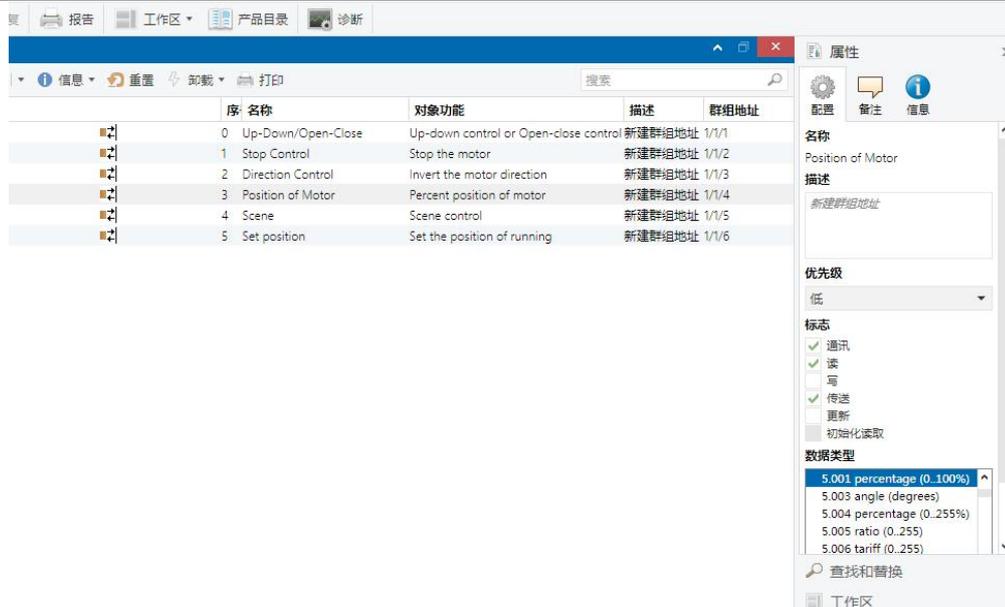
3 Device Configuration

3.1 Parameter List

3.1.1 General Parameter

No.	Parameter Name	Options
1	Motor stop control	Motor stops when "0" Motor stops when "1" Motor stops when "0" or "1"
2	Motor direction control	Motor direction is inverted when "0" Motor direction is inverted when "1" Motor direction is inverted when "0" or "1"
3	Motor scene 1….12	Open or Up Close or Down

3.2 Device Configuration

3.2.1 Motor stop control

This Parameter is for curtain stop, it have 3 options

(1) Motor stops when "0"

Curtain stop when communication Object "Stop Control" receive "0", No response when communication Object "Stop Control" receive "1"

（**2**）Motor stops when "1"

Curtain stop when communication Object "Stop Control" receive "1", No response when communication

Object "Stop Control" receive "0"

（**3**）Motor stops when "0" or "1"

Curtain stop when communication Object "Stop Control" receive "1" and "0"

3.2.2 Motor direction control

This Parameter is for Motor direction control, it have 3 options

(1) Motor direction is inverted when "0"

Curtain direction reversed when communication Object "Motor direction control" receive "0", No reverse when communication Object "Motor direction control" receive "1"

For example,motor rotates in the clockwise direction when communication object "Up-Down /Open-Close" receive "1", when communication Object "Motor direction control" receive "0" and communication object "Up-Down/Open-Close" receive "1" again, then motor rotates in the counterclockwise direction.

（**2**）Motor direction is inverted when "1"

Curtain direction reversed when communication Object "Motor direction control" receive "1", No reverse when communication Object "Motor direction control" receive "0"

（**3**）Motor direction is inverted when "0" or "1"

Curtain reverse when communication Object "Motor direction " receive "1" and "0"
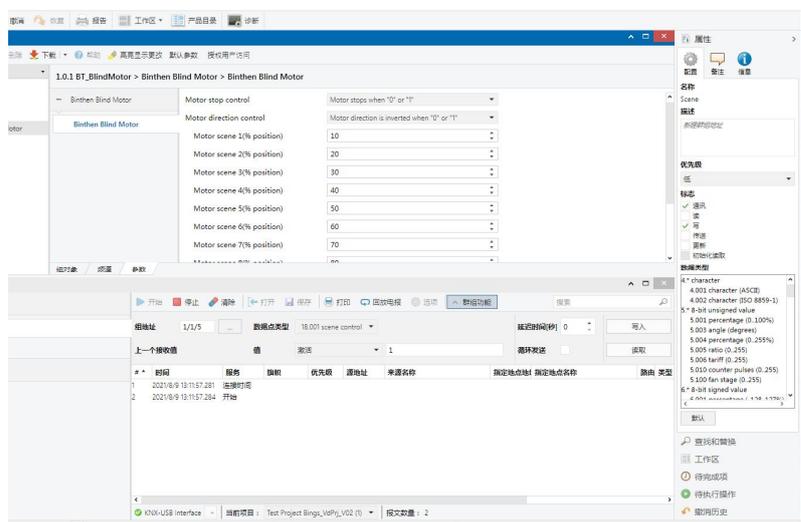
3.2.3 Motor scene

Totally 12 scenes from No. 0- No. 11, each scene can set motor direction individually, options as below

（**1**）Motor scene setup

Able to setup each scene to be a value of percentange control, can be customized by demand, totally 12 scenes

（**2**）Motor scene implement

After writing the configured data file to the motor, you can send the corresponding group address and select the corresponding scene value to execute the corresponding scene, and the motor will run to the corresponding position according to the command

4 Function Introduce

No	Type	Object Name	Function	Flags
0	1bit DPT1.009	Up-Down/Open-Close	Up-down control or Open-close control	C,W
This communication object is used for the rotation control of the curtain motor. When it receives 0, it will perform curtain open. When it receives a 1, it performs curtain close			
1	1bit DPT1.010	Stop Control	Stop the motor	C,W
This communication object is used to control the motor stop. When it receives the data, it decides whether to stop the motor rotation according to the configuration of the ETS parameter.			
2	1bit DPT1.012	Direction Control	Invert the motor direction	C,W
This communication is used to control the direction of the motor. When it receives the data, it decides whether to reverse the motor rotation direction according to the configuration of the ETS parameter.			
3	1byte DPT5.001	Position of Motor	Percent position of motor	C,R,T,
This communication object is used to feedback the current position percentage when the motor stops; the current position information will be reported when the motor status changes, (when the limit point is not set, status will be 7F (50%)), and the flag is read.			
4	1byte DPT18.001	Scene	Scene control	C,W
This communication object is used to perform scene configuration.			
5	1byte DPT5.001	Set the position of running	Percent position of motor	C,W
This communication object is used to control the motor percentage and flag is write			