

DATA SHEET

C12T-*.~* Origin Smart Switches



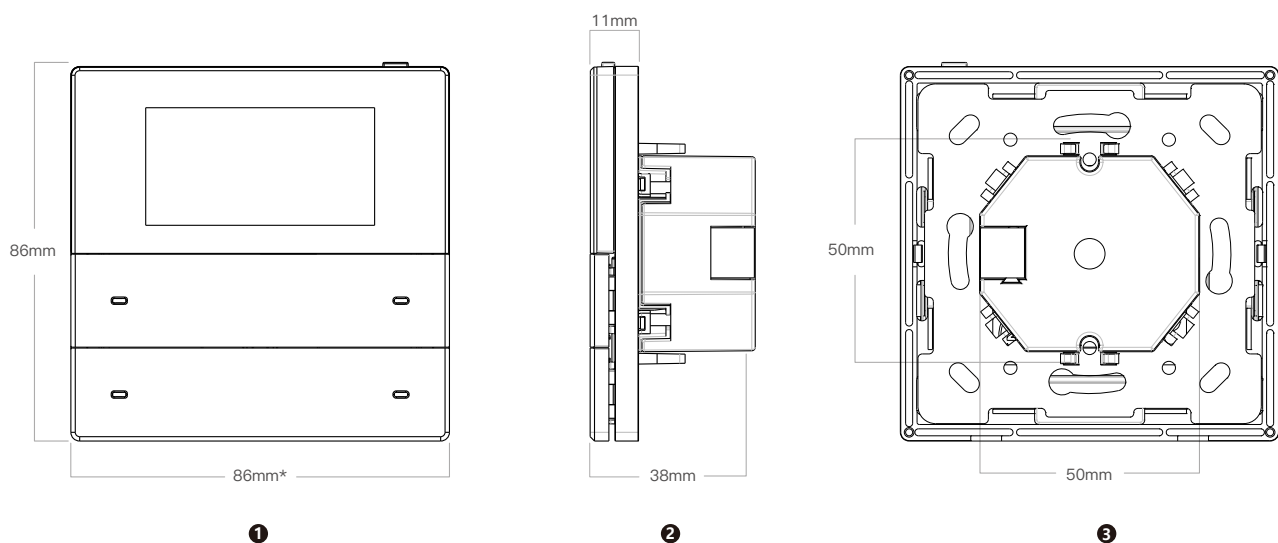
Main Functions

1. This device provides: change label 2 gang/4 button model, laser carving 2 gang/4 button model.
2. Powerful function includes switching, dimming, blind, air conditioner, heating, self-defined scenery. It can be configured flexibly according project situations.
3. Every button provides 5 channels additional functions, such as time delay, circle, PWM, logic etc. These functions satisfy applications' complex requirements.
4. The devices every push button get LED indicator light and its color/turning on/off can be configured to show operation status of other devices on the KNX bus.
5. Using setting button converts normal buttons to temperature buttons, includes temperature adjust, cool-warm conversion, mode conversion, fan speed ect. Meanwhile normal buttons function still works, provided plentiful functions.
6. Deploying high contrast ratio customised LG screen, high accuracy and splendid image effect.
7. Carefully selected aluminum material and processed by CNC unibody craftwork, to achieve the maximum metal texture and art feeling.
8. Using top level high quality temperature and humidity sensor and European ST industrial level main chip to improve accuracy and capability, the life time has been increased 5 times.
9. Configured through standard ETS software directly and avoided errors from using other configuration software. Flexible and reliable functionality settings and Parameters control, satisfy the project design and integration.
10. Colour Option: Black (Abbreviation B) ; Silver (Abbreviation S) ;Gold (Abbreviation G) .

Technical Details

Power Supply	Bus voltage	21-30 DC from EIB	Installation	Method	Standard 80*80mm/ 86*86mm wall box
	Electric Current	< 12mA		Temperature Range	Operating -5°C...+45°C
	Bus low power	< 360mW		Storage	-25°C...+55°C
Connecting	EIB/KNX	Connection Terminal (Diameter 0.8mm ²)	Colour	Golden G Silvery S Black B	

Product Size



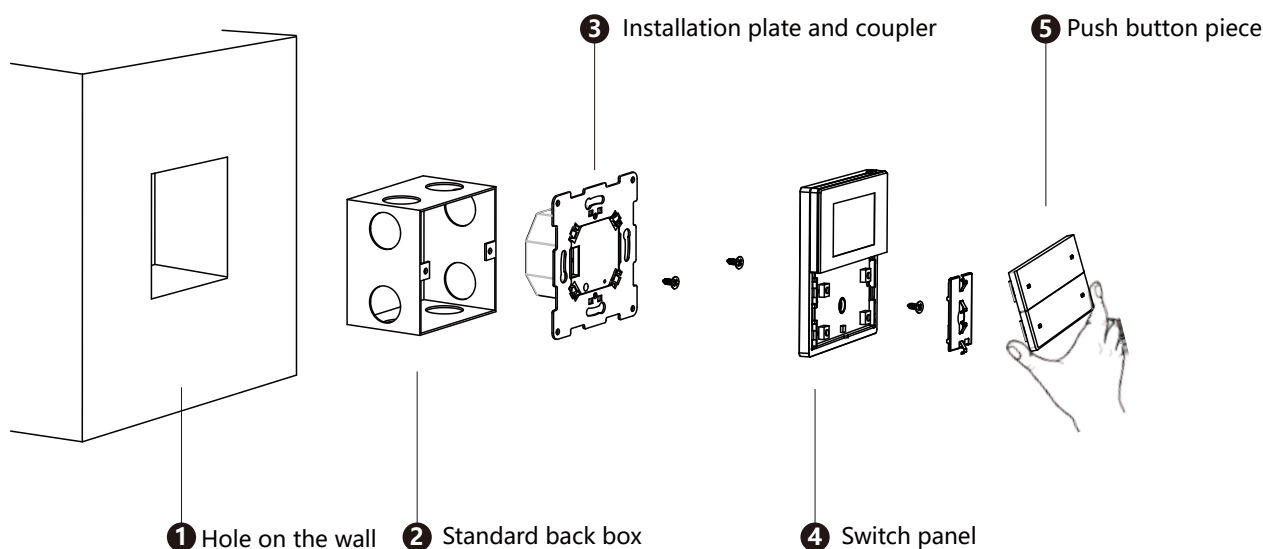
- 1 Front view (* : 93mm frame models height and width are 93*86mm, label model dimensions showed as following diagram)
- 2 Side view
- 3 Back view

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Installation guide

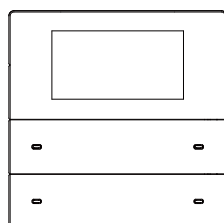
1. Before installation, separate ③ the coupler' s metal plate from ④ the switch panel (tips: push the plastic buckle when separating and pull out)
2. Rip away 5mm from the Twisted Pair cable and insert into KNX socket, and insert the KNX socket on the ③ the coupler.
3. Fix ③ the metal plate and coupler into the ② install box, adjust ③ the metal plate position. Using two M4*30 screws (please using enclosed screws because other screws maybe get higher caps) to fix the metal plate.
4. Push ④ the switch panel into ③ the metal plate for initial installation test. Design and debug the application after initial test installation to complete installation.



Note: If the switch panel need thief protection, please use anti-thief screw. The procedures are: using a slim plastic item to prize up the bush button from the side of the panel. Remove the stainless steel cover. Screw on a M3*8 round cap screw. Insert back the stainless cover and then push the button back.

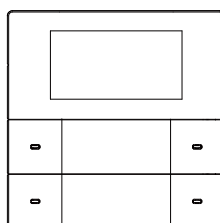
Model Golden **G** Silvery **S** Black **B**

No frame models



C12T-N-G
C12T-N-B
C12T-N-S

Label models



C12T-L-G
C12T-L-B
C12T-L-S

! Important

- Installation and debugging can be only operated by qualified electrician. In the process of planning and implementation of electrical installation, the relevant standards, directives, regulations and instructions must be strictly enforced.
- To avoid the device being dirty and damaged during the process of transport, storage and using.
- Do not run the device beyond the specified technical standards (e.g. temperature range).
- When cleaning the device, only use dry cleaning cloth. Never use an alkaline agent or corrosive solvents.