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The user manual refer to the following devices：
SATION-DM0106.0030
SATION-DM0103.0030

Version

Version	Release Date	Remark
V1.0	August 9th,2019	1st Release
V1.1	October 16th,2019	Add DM0103.0030

Notice

1. Please read this user manual carefully before using the product.
2. This product is used in indoor environment and installed in electrical control box.
3. Please install this product in a dry and ventilated place.
4. Before power on, please confirm the input voltage according to the manual; after power on, please confirm the normal output Voltage before connecting to the control bus.
5. Please make sure the secure shell is in good condition, if the shell is damaged, please stop using to avoid accident.
6. This product is NOT a toy, please make sure it is out of children touch.
7. Only be suitable for EIB/KNX system bus.
8. Others:
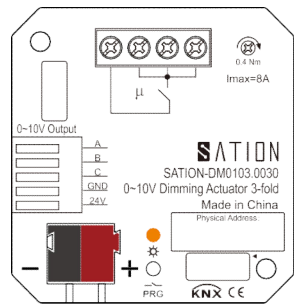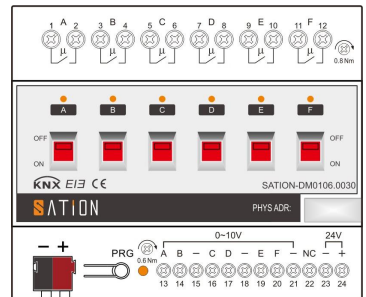
    The below sign indicates this product can't be dealt as ordinary family rubbish, in order to avoid the possible environment and human health harm caused by the electrical waste, this product must follow recovery processing. Please contact the local recycling department after this product is scrapped, to make sure it can go as the right waste processing procedure.

1. Technical Parameters

		DM0106.0030	DM0103.0030
KNX Characteristic	KNX Bus voltage	DC 21V~31V	
	KNX Bus current	< 3mA	
	KNX Bus	It is required to use twisted pair cable (diameter 0.8mm) complying with KNX standard for connection EBI/ KNX bus terminal	
24V Power Characteristic	Power supply current	130mA (6ch output)	65mA(3ch output)
0~10V output characteristic	Number of channels	6	3
	Maximum output current of each channel	30mA	30mA
	Maximum drives per channel Quantity (2mA / drive)	15	15
Load characteristics	Load terminal	A torque of 0.8nm is required for the termination load Wire range 0.2-6mm2 (AWG 10~24)	A torque of 0.4nm is required for the termination load Wire range 0.2-4mm2 (AWG 12~22)
	Maximum switching current of load	16A （Each channel has independent relay Device)	8A(Three channels share one relay Implement)
	Mechanical durability	1 000 000	1 000 000
Operation and display	Programming keys and corresponding fingers Indicator	Press the programming button when assigning physical address and downloading configuration parameters, orange LED indicator on	
	Operation status indication	The orange LED indicates the action of the relay	no
Operating temperature range		-25℃~+45℃	
Appearance		Gray white, PVC panel	

2. Function Overview

◇0 ~ 10V dimming actuator products have the characteristics of good linearity, soft and uniform dimming. The 0 ~ 10V dimming actuator is connected to the KNX system through the KNX bus terminal. An additional 24V power supply is required to provide 0 ~ 10V signals.

◇DM0106.0030 complies with the EN 60 715 installation standard and is mounted on a 35 mm rail; DM0103.0030 can be installed in a cassette or fixed in any position.

◇DM0106.0030 is equipped with six 16A relays (with manual levers) to control the on / off of the high-power terminal; DM0103.0030 is equipped with one 8A relay (no manual lever, three channels share one relay) to control the on-off of the high-power terminal. DM0106.0030 and DM0103.0030 each 0 ~ 10V output can reach a maximum of 30mA and is electrically isolated from the KNX bus.

The allocation of physical addresses and the setting of parameters require the use of ETS software.
The following functions can be set one-way:
1. Switching function :delay on /off action can be set
2. Stair lighting function
3. Relative dimming,absolute dimming
4. Scene function:8 scenes are available for each channel
5. Dimming interval speed setting function
6. Master control function
7. Automatic function
8. Blocking function

3. Circuit Wiring
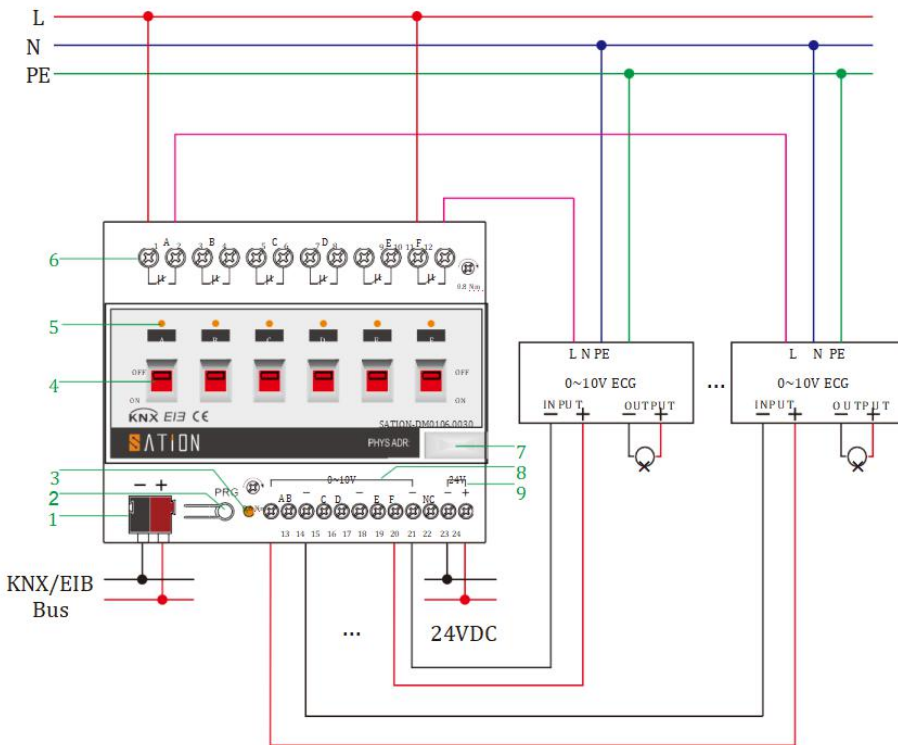
1. KNX terminal
2. Programming button
3. Programming indicator (orange)
4. Relay manual lever
5. Relay action indicator (orange)
6. Load control interface
7. Label bar
8. 0~10V signal output interface
9. 24VDC power input interface
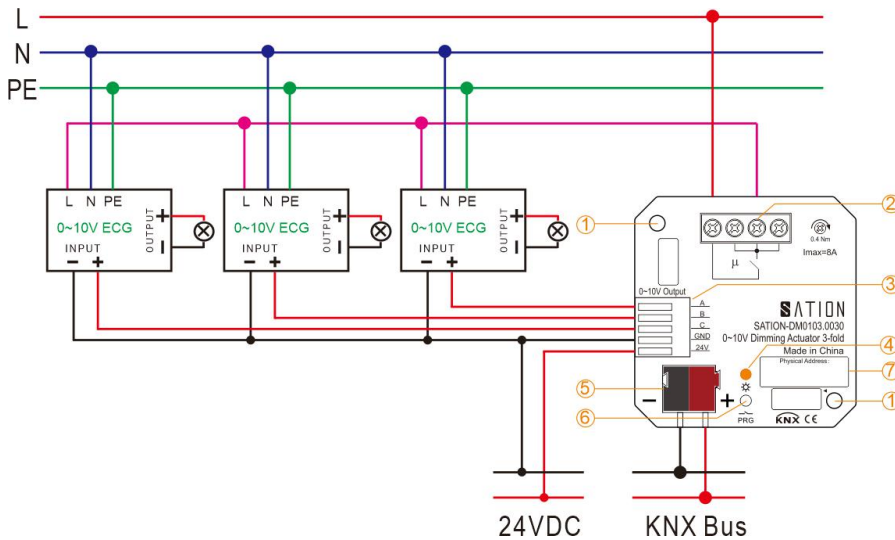
1. M3 screw fixing mounting holes * 2, suitable for non-cassette type fixing
2. Load terminal
3. 0 ~ 10V output wiring, 24VDC input wiring terminal
4. Programming indicator (orange)
5. KNX bus terminal
6. Programming button
7. Address label box

4.Product Dimensions