Curtain Driver
User Manual

KTE4HPC

KTE4HPC
Shutter actuator, 4-Channel
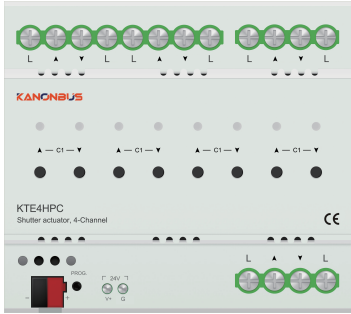
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Safety instructions

● Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
● Electrical equipment must be installed and programmed by qualified technicians only.
● This device is manufactured according to the relevant technical specifications and have CE.
● For more information of this product, please contact the technical engineer of manufacturer.
● Users are not permitted to alter and maintain the product without the authorization of manufacturer.
● Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

KTE4HPC driver is a specialized driver module for curtain control. It is installed on a guide rail and can control 220V high-voltage curtain motors and dry contact curtain motors, achieving functions such as opening/closing and position control of curtains.
KTE4HPC driver can be applied to various occasions suc s residential homes, commercial offices, entertainment media, and large public buildings. The driver has 8 manual buttons, which can control the up, down, and stop of each output. Each output has an LED status indicator light to display the running status.

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Product Features

● Implement actions such as opening/closing motor loads through the KNX protocol
● Powered by KNX bus
● Requires DC24V auxiliary power supply for power supply
● 4 independent output channels
● Equipped with on/off status feedback function
● Equipped with position control and status feedback functions
● The interval time for switching between opening and closing curtains can be set to maximize the protection of the curtain motor
● With scene function, each channel supports up to 8 sets of scene definitions
● Manually control the opening/closing/stopping of each circuit
● Each circuit can be individually set with relevant parameters
● Each circuit has an independent status display
● Can set the action of the port during bus voltage fault/recovery

Programming instructions

1. Select the corresponding product database and import it into ETS3/4/5 (KTExPC. vd2);
2. Add the device to the project created by ETS3/4/5;
3. Press the device programming button and download the physical address through ETS3/4/5. After the download is complete, the red LED indicator light will turn off;
4. Open the device database, set its parameters and associate them with the corresponding group objects, and then download the application;
5. After changing the physical address of the device, repeat step 3;
6. After modifying parameter settings or re associating the 'group object', repeat step 4 to achieve the new functionality.
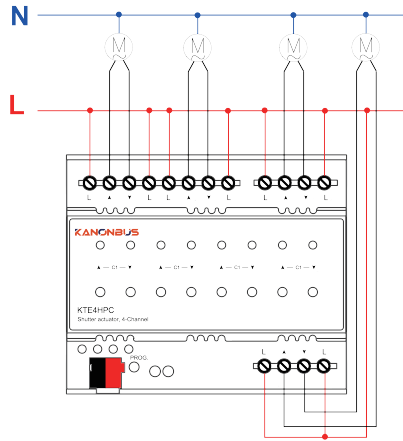
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Product parameters

Parameters \ Types	KTE4HPC
Power	
Power Supply	KNX Power，21V ~ 30V DC
Transmission Media	KNX TP
Power Consumption	≤10mA
Auxiliary Power Input	
Supply Voltage	DC24V
Rated Power	3W
Load Output	
Output Channels	4
Rated Voltage	230V AC
Output wiring	0.5mm²~ 4mm²
Manual control mode	electronic type
Mechanical service life (times)	$>3x10^6$
Electronic service life (times)	$>10^5$
Product Info	
Dimensions（WxHxT，mm）	108mm x 92.5mm x 65.5mm
Type of protection	IP20
Operation	0℃ ~ 70℃
Storage	-25℃ ~ 70℃
Installation method	Rail installation
Programming mode	S mode

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Product Wiring

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Product dimensions

108

92.5

65.5

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Operating instructions

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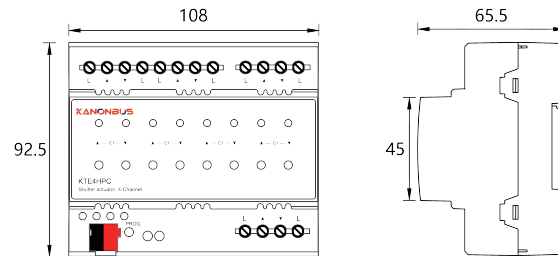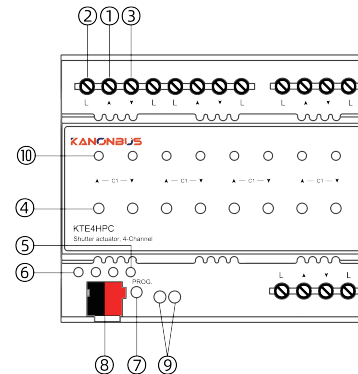
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Operating instructions

① Upward wiring terminal of curtain motor;
② Wiring terminals for live/public wires;
③ Downward wiring terminal of curtain motor;
④ Curtain motor electronic manual button;
⑤ KNX programming button indicator light, when the programming button is pressed, the indicator light will display in red. After downloading the physical address, it will automatically turn off, or it can be turned on/off through ETS software;
⑥ POWER indicator light: After connecting to the KNX bus, it remains yellow and constantly on;
⑦ Programming button, press it to write the physical address of the device;
⑧ KNX bus terminal;
⑨ Auxiliary power input terminal: 24V DC power supply is selected, with V+as the positive pole and G as the negative pole
⑩ Curtain motor status indicator light: When the motor is running, the red indicator light is on, and when it stops, the red indicator light goes out, with interlock function.

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