

PE KNT 001 / PE KNT 002

2-channel KNX Switching Actuator or 1-channel KNX Blinds/Shutters Actuator with 4 Inputs

Description

- KNX Switching Actuator which can work as:
 - 2-channel Switching Actuator.
 - 1-channel Blinds/Shutters Actuator.
- It has 4 Analog/Digital inputs, which can be configured via ETS:
 - Digital inputs (binary): allows the connection of a pushbutton, switch or conventional binary sensor, free-voltage contact.
 - Analog inputs: allows the connection of a temperature probe (ST KNT 001 or ST KNT 002).
- In addition, it allows enabling and configuring up to 4 independent room Thermostats for cooling or/and heating control systems.
- In case it is configured as 1-channel blinds/shutters actuator, the following alarms and functions are available: Wind alarm, Rain alarm, Frost alarm, Sun Protection function, Scene control and Forced function.
- In case it is configured as 2-channel switch actuator, the following functions are available in each channel: Timer, Preset value, Scene control, Logical functions, Forced and Threshold function.
- Each of the four inputs has the following functions: Switch, Switch/Dimmer, Multiple Dimmer, Sequential Switch, Blind Control, Scene Control, Fixed/Forced Function, Counter and Temperature Sensor.
- Built-in Bus Coupler Unit (BCU).
- Programming and commissioning by ETS5.

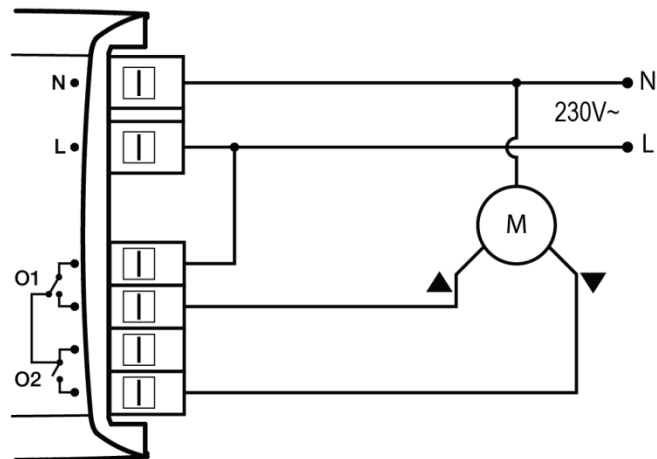


Technical Characteristics

Reference	PE KNT 001	PE KNT 002
Power supply	230V~ 50Hz	
KNX rated voltage	21 ~ 32Vdc	
Programming	ETS5	
KNX Medium	TP1	
Maximum load	16A per channel: LED lamps: 400W Motors: 700VA	10A per channel: LED lamps: 400W Motors: 700VA
Output channels	1 Blind or 2 Switches	
Commissioning	System Mode	
Inputs	4	
Mounting	Inside the blind box	In standard mounting box
Dimensions	120 x 53 x 35mm	46 x 46 x 29mm
Operation temperature	-5°C ~ +45°C	
Protection degree	IP20 according to EN60529	
Directives	Low Voltage 73/23/EEC EMC 204/108/EC	
Standards	KNX Standard 2.0 EN60669-1, 2-1, 2-3	

Wiring Diagrams

· 1-channel blind/shutter actuator:



· 2-channel switching actuator:

