# DIGITAL INPUT/OUTPUT MODULE
UCS-06.06

BASIC INFORMATION

The digital input / output module is designed to convert the input action (button, switch, relay, sensor output, etc.) into control telegrams of the KNX bus, as well as to display the status of telegrams using a low-power indicator (for example, an LED).

- 6 independent channels working as digital input or LED output
- Input polarity setting (NO or NC)
- Pulse counter function
- Long / short press setting for a button
- Control of curtains / blinds, scenes, dimmer
- Status indication (LED output)
- Monitoring channel status in switch mode
- Power supply via KNX bus
- Concealed installation in a socket box or junction box
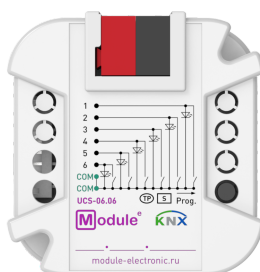
SPECIFICATIONS

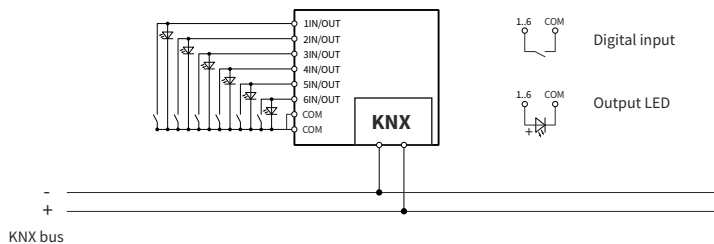| Device model	UCS-06.06	
Universal channels		
Number of inputs/outputs	6	
Number of common inputs/outputs (COM)	2	
Input/output current	2mA	
Input/output voltage	3,3V	
Connection type	8-wire connector with cable (25cm)	
Maximum cable length	30 meters	
Wire cross-section	up to 1mm²	
KNX interface		
Specification	TP-256	
Available application software	ETS 5	
KNX connector	4-wire EIB connector (PUSH WIRE spring clips) for standard cable TP1 0,8мм Ø	
Power supply	via KNX bus	
Consumption on the KNX bus (29V DC)	< 5mA	< 150mW
Operation temperature	0°C .. + 45°C	
Operation humidity	5 .. 95% (no condensation)	
Degree of protection	IP 20, clean environment	
Mounting type	Concealed installation in a socket box or junction box	
Dimensions	44 x 44 x 25mm	
Weight	28g	

UCS-06.06

GENERAL VIEW
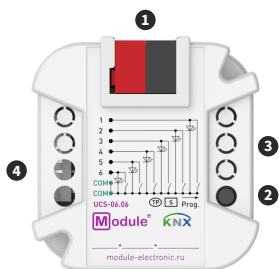
❶ - KNX connector
❷ - Programming button
❸ - Programming LED
❹ - 8-wire connector
❺ - 8-wire connection cable

WIRING DIAGRAMS

1IN/OUT
2IN/OUT
3IN/OUT
4IN/OUT
5IN/OUT
6IN/OUT
COM
COM

KNX

1..6 COM Digital input

1..6 COM Output LED

- +
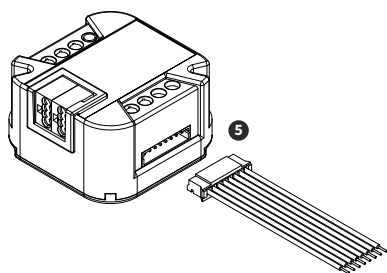
KNX bus

SAFETY INSTRUCTIONS

⚠️ **ATTENTION!** Installation and connection of the device to the mains must only be carried out by qualified personnel! Be sure to turn off the power before installing or removing the device! The design of the device meets the requirements of electrical safety according to GOST 12.2.007.0-75.

SETTING INSTRUCTIONS

The device is set up in accordance with the instruction manual. (The full manual and application program can be downloaded at https://module-electronic.ru/documents or by scanning the QR code at the bottom of the document).

TRANSPORTATION, STORAGE AND DISPOSAL

The conditions for the transportation of devices must comply with conditions 5 of GOST 15150-69.
Storage of devices in packaging at the warehouses of the manufacturer and consumer must comply with storage conditions 1 in accordance with GOST 15150-69. After transportation or storage at low temperatures, it is necessary to withstand the device at room temperature for at least 2 hours before turning it on. Do not dispose of the device with household waste.

WARRANTY

Warranty period - 12 months from the date of sale to the consumer. The manufacturer is not liable and does not indemnify for damage caused by the fault of the consumer in case of non-compliance with the conditions of transportation, storage, installation and operation, as well as in case of violation of the seal when trying to repair the device yourself.

All the necessary information on the warranty can be obtained by the consumer by calling Module Electronics or on the website: www.module-electronic.ru.

Serial number _____

Date of sale _____   seller's stamp

Seller Signature _____

Name, address of the trading organization _____

User Manual