

A2601

2-Wire BUS Relay

User Manual

ATIGO

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1. About A2601 Unit

Description:

The A2601 BUS relay is designed as a volt-free contact output with following features:

- It only provides relay contact
- It has two work modes: lock control mode and light control mode;
- Allows to open gate, door, locks or control lights;
- Supports high power-consumption lock;
- With configurable unlock timed output or light control timed output;
- Features press to exit input. In lock control mode, it triggers the lock and in Light control mode it triggers the light.

2. Parts and Name

L1, L2: Connect to the bus line, no polarity.

EB-, EB+: Exit button contact.

POWER: Working indicator, it will light up when connected to BUS line.

IN-USE: Unlock / light indicator, it will light up when unlock (or turn on the light).

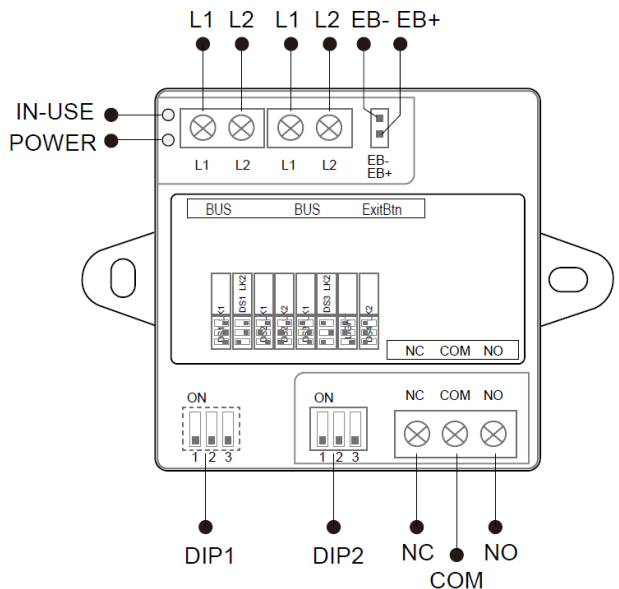
DIP1: Used for setting video Impedence match, unlock time or light on time.

DIP2: Used for setting the address of the A2601.

NC: The normally - closed contact of the relay.









COM: The common contact of the relay.

NO: The normally - open contact of the relay.







3. DIP2 Settings

The DIP2 switch on the A2601 is used to set its' address. Please refer to the followings for more detailed information about the DIP2 settings:

DIP	BIT State	Description
	OFF, OFF, OFF	Applies to door station 1 & lock 1
	ON, OFF, OFF	Applies to door station 1 & lock 2
	OFF, ON, OFF	Applies to door station 2 & lock 1
	ON, ON, OFF	Applies to door station 2 & lock 2
	OFF, OFF, ON	Applies to door station 3 & lock 1
	ON, OFF, ON	Applies to door station 3 & lock 2
	OFF, ON, ON	Applies to light
	ON, ON, ON	Applies to door station 4 & lock 2

4. DIP1 Settings

On DIP1, first bit is used to set video Impedence match, bit 2 & 3 are used to set unlock time or light on time. Please refer to the followings for more detailed information about DIP 1 settings:

DIP	BIT State	Description
	OFF, OFF	Unlock/light time is determined by monitor setting(code:8401-8499)1- 99s, default is 1s.
	ON, OFF	Set unlock time to 3s; Set light time to 30s.
	OFF, ON	Set unlock time to 5s; Set light time to 50s.
	ON, ON	Set unlock time to 10s; Set light time to 100s.

Note that DIP2(Bit1=OFF, bit2=ON, bit3=ON) set to light mode, and DIP1 (bit2=OFF, bit3=OFF).

Light on time is 10 times as unlock time setting value, if unlock time is 1s, the time for light on is 10s, if unlock time is 10s, then light on 100s.

If the unlock time is set to 99s, means that the light in normally open mode.

5. Specification

Power Supply:	18 - 28V DC
Power Consumption:	10mA in standby 25mA in working
Unlocking Time:	1~99s(Default 1s);
Wiring:	2 wires (non-polarity)
Working Temperature:	-10 °C ~ +40 °C;
Dimension:	45(H) × 65(W) × 16(D) mm.