

1. About A2601 Unit

Description:

A2601 relay actuator is designed as a volt free contact output with following features:

- The equipment 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;
- Support high power-consumption lock;
- With configurable unlock timed output or light control timed output;
- Support exit control button: when in lock control mode, the exit control button to control the lock; when in light control mode, the exit control button to control 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 plugs in power supply.

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

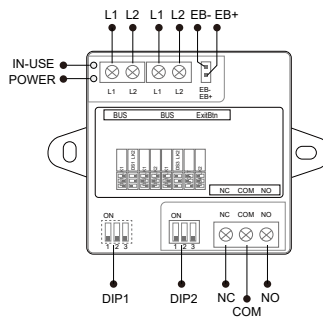
DIP1: Used for setting video Impedence match, unlock time or light on time.

DIP2: Used for setting the address of the DT-MiniRLC.

NC: The normally-closed contact to COM.

COM: The common contact of the unlock/light relay.

NO: The normally-open contact to COM.



3. DIP2 Settings

The DIP2 switch in the panel is used to set the address of the A2601. Please refer to the followings for more detail informations about the DIP2 settings:

DIP	Bit State	Descriptions
	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

In DIP1, the bit-1 is used to set video Impedence match, the bit- 2 & 3 are used to set unlock time or light on time. Please refer to the followings for more detail informations about the bit- 2 & 3 settings:

DIP	Bit-2&3 state	Descriptions
	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(Bit-1=OFF, bit-2=ON, bit-3=ON) set to light mode, and Bit- 2(DIP1)=OFF, bit- 3(DIP1)=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 is normally open mode.

5. Specification

- Power Supply : DC18-28V;
- 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.

A2601

Relay Actuator Manual

