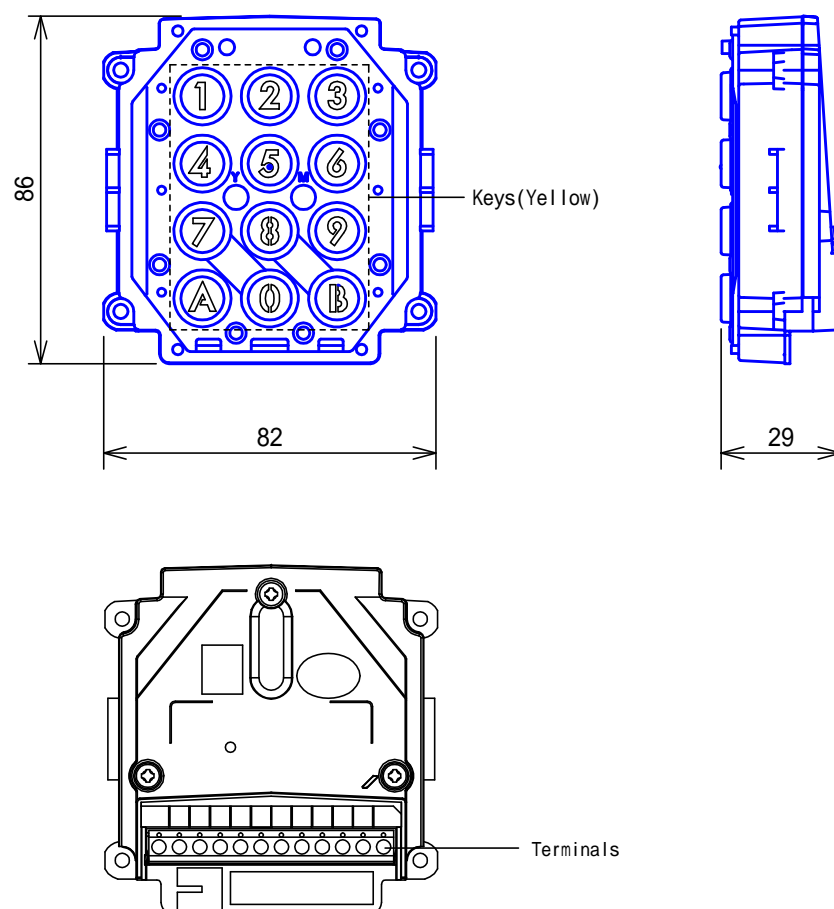


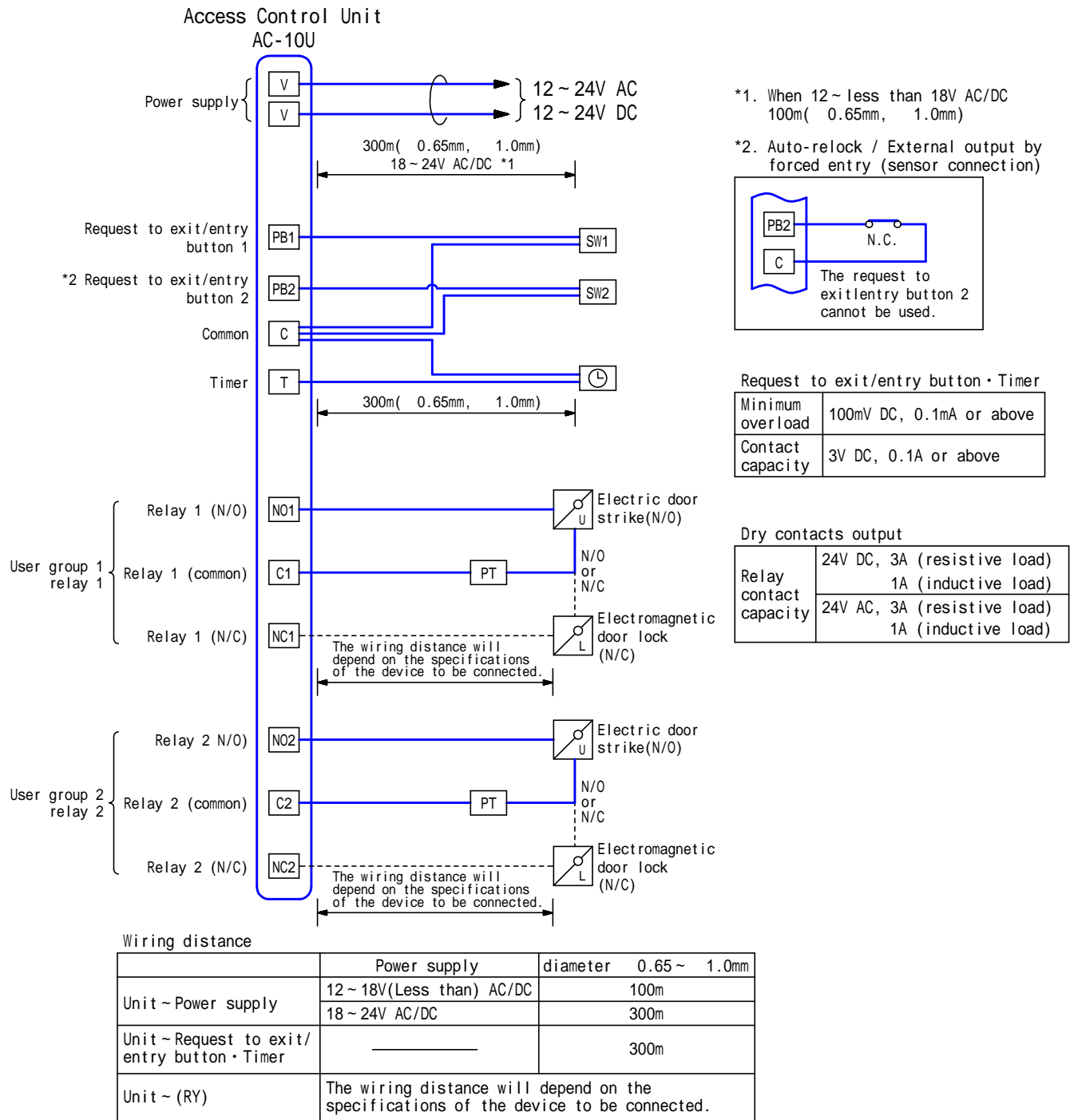
PRODUCT DRAWING



SPECIFICATIONS

Power source	12 ~ 24V AC or 12 ~ 24V DC		
Current consumption	AC: 100mA (max.) DC: 70mA (max.)		
Number of relay circuits	2		
Relay contact	N/O, N/C		
Relay contact capacity	24V DC, 3A (resistive load) 1A (inductive load)		
	24V AC, 3A (resistive load) 1A (inductive load)		
User code	Up to 100 user codes (Relay 1: 60, Relay 2: 40)		
Number of request to exit/entry button	2		
Request to exit/entry button • Timer	Minimum overload : 100mV DC, 0.1mA or above		
	Contact capacity: 3V DC, 0.1A or above		
Diameter of cable	0.65 ~ 1.0mm		
Ambient temperature	-20 ~ +60 (-4 ° F ~ +140 ° F)		
Housing	Case top: Flame resistance plastic		
Weight	Approx. 140g (0.31 lbs)		
Unit color	Transparent		
Rmarks	Unit for the integration to local panel (Some local work for panel is required)		
DESCRIPTION ACCESS CONTROL UNIT	FIG. NAME PRODUCT/SPECIFICATIONS	UNIT mm	DATE 29 November, 2007
MODEL NO. AC-10U	FIG.NO. 55323-1-3	PAGE 1/3	REVISION 1 AIPHONE

WIRING DIAGRAM



RESTRICTIONS

Auto-relock function is available only at the entrance with relay 1.

The door sensor can be connected only to the terminals (PB2 and C) for the request to exit/entry button 2 for relay 2.

When the door sensor is installed in the system, the request to exit/entry button 2 can not be connected to PB2 and C .

When the user code length has been changed, the master code length is the same number of digits with the user code (4-6 digits).

DESCRIPTION ACCESS CONTROL UNIT	FIG. NAME WIRING DIAGRAM/RESTRIC.	UNIT mm	DATE 29 November, 2007
MODEL NO. AC-10U	FIG.NO. 55323-2-3	PAGE 2/3	REVISION 1
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FUNCTIONS

Two independent relay outputs (N/O or N/C) are available.

Programmable up to 100 access codes (Relay 1: up to 60, Relay 2: up to 40)

When the registered user code has been input using the keypad (between 4 and 6 digits), the electric door strike is unlocked.

Lock-out: If several incorrect access codes are attempted, the code input function is disabled for a programmed period of time. (Setting required)

External output for alarming or other security devices: When "Lockout" or "Forced entry" occurs, external output is available. (Setting required)

Auto-relock (Anti-tailgate): After the door has been linked to the door open/close sensor (N/C), and unlocked, it will relock itself one second after being closed, thus preventing the entry of an unauthorized third party. (Setting required)

The system can be set to unlock the door by pressing the Ⓢ key within the set time and linking it to the external timer (N/O). (Setting required)

SETTING

<Required setting item>

Up to 100 user codes

Relay 1: 60, Relay 2: 40

<Optional setting items>

Key illumination time: 10 to 99 seconds, or continually lit (Default: 10 Sec.)

Relay output time: 1 to 99 seconds, or latched (Default: 3 Sec.)

Code (Both user/master codes) length: 4~6 digits (Default: 4 digits)

External output: ON/OFF (Default: OFF)

Lockout: ON/OFF (Default: OFF)

Auto-relock: ON/OFF (Default: OFF)

Invalid number of times: 10 - 99

Invalid time: 10 - 99

Timer-linked unlocking: Relay 1/Relay 2/ Relay 1 & 2 (Default: Relay 1 only)

0 key illumination: ON/OFF (Default: OFF)

Operation tone setting: ON/OFF (Default: ON)

DESCRIPTION	FIG. NAME		UNIT	DATE
ACCESS CONTROL UNIT	FUNCTIONS/SETTING		mm	29 November, 2007
MODEL NO.	FIG.NO.	PAGE	REVISION	AIPHONE
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