



## Product Specification Sheet



**APS280**

Rev. 1 - 02/1999



**212I Flush Mount Keypad-Indoor type**

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The access control system shall be Alpha Communications®/IEI model 212I keypad or approved equivalent. The keypad memory shall have nonvolatile EEPROM memory for up to 120 users. Codes may be from 1-6 digits in length and digits may be repeated.

Assisted by the door position sensor input, this 1 amp Form 'C' relay shall energize if the door is opened without a valid user entry or egress input. This output can be programmed to energize for up to 15 minutes or latch. It can be reset by a valid code entry.

The system's propped door relay shall be programmable for a 1 to 15 minute time window in which the door may be held open after a valid entry. The system shall alert the resident to any "propped" door by energizing a 1 amp Form 'C' relay. This output may be wired to a siren, buzzer, guard station, camera or any other device.

The lock release relay shall be rated at 8 amps and shall be tough enough to handle any locking device. Simple programming shall allow the output to toggle (by code) or time from 1 to 90 seconds.

### 212I Flush Mount Keypad Indoor Type

The 212I keypad offers field proven reliability and cost effective solutions for residential, commercial and industrial installations, elegant yet durable, it blends with any decor. Designed for compatibility with any electric locking device. The keypad accepts power from any 12-24V AC/DC supply. No separate programmer is ever necessary.

#### FEATURES

- Lock release relay
- Lock release timer
- Forced door alarm relay and Propped door alarm relay
- Alarm zone shunting relay
- Timed egress input
- 120 user capacity
- Front Programming
- Flush mount Indoor Design

#### SPECIFICATIONS

##### MECHANICAL

###### Dimensions:

###### **Reader:**

Height: 4.50" (114.3mm)

Width: 1.75" (44.4mm)

Depth: 1.55" (39.4mm)

###### **Programming Keypad:**

Height: 4.50" (114.3mm)

Width: 2.75" (69.9mm)

Depth: 2.50" (63.5mm)

##### ELECTRICAL

###### Voltage:

12 to 24 volts AC or DC (selected by jumper)  
(Normally used with model SS106 pigtail or  
model T1240 plug-in transformer)

###### Current:

@12VDC 20mA typical, 50mA worst case  
@24VDC 25mA typical, 70mA worst case

###### Note:

keypads using additional relays require an additional  
15mA for each relay energized.

###### Outputs:

Main relay: 8 Amp, Form 'C' @24VDC-10 Amp surge  
Alarm Zone Shunting Relay: 1 Amp, Form 'C' @24VDC  
Forced Door Relay: 1 Amp, Form 'C' @24VDC  
Propped Door Relay: 1 Amp, Form 'C' @24VDC

###### Wire Distance:

250' between reader and electronics with #22AWG

##### ENVIRONMENTAL

###### Temperature:

-20°F to 130°F (-28°C to 54°C)

*Due to continuous product improvement, all colors, sizes, materials,  
finishes and specifications are subject to change without notice.*

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