232SE Vandal-Resistant Keypad Station (Surface Mount)

232SE Surface Keypad Vandal-Resistant

The 232SE 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 accept 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 (with upgrade)
- Front Programming
- Weather-Resistant self-contained metal housing
- Vandal-Resistant
- Cast metal housing suitable for wall, post or gooseneck mounting. Available in White or Black (suffix 'BL')

Mechanical Specifications

Dimensions: (Reader)	Height: 4.50" (114.3mm) Width: 3.00" (77mm) Depth: 1.55" (39.4mm)
Dimensions: (Programming Keypad)	Height: 4.50" (114.3mm) Width: 2.75" (69.9mm) Depth: 2.50" (63.5mm)

Electrical Specifications

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 Specifications

Temperature:	-20°F to 130°F (-28°C to 54°C)

Architects' And Engineers' Specifications

The access control system shall be Alpha Communications® / IEI model 232SE keypad or approved equivalent. The keypad memory shall have nonvolatile EEPROM memory for up to 64 users and is upgradable to 120. 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 systems propped door relay can be programmed 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 allows the output to toggle (by code) or time from 1 to 90 seconds.