

The Protégé® Alphanumeric LCD Keypad provides a user friendly human interface to the Protégé® integrated access control, security and building automation system:

- Securely login to the Protégé® Alphanumeric LCD Keypad with user codes from 1 to 8 digits with support for card reader and PIN code operation.
- Intuitive menu function allows scrollable options according to user security level with quick access short cut keys for the power user.
- Dual code and master code provider functions for secure ATM and banking vault area access with automatic time-out and delayed opening functions.
- Individual reportable duress code trouble for each Protégé® Alphanumeric LCD Keypad.
- Activation of 3 reportable panic events (Panic, Medical and Fire)
- Smoke detector reset provided on clear and enter keys selectable for a PGM or PGM group.

Arming/Disarming

The Protégé® Alphanumeric LCD Keypad allows a user to arm and disarm an area or group of areas:

- Area progress is shown on the LCD display with user friendly plain text messages displayed to the user as it guides them through the arming or disarming procedure.
- Easily view open system zones during the pre-arming phase
- Local display of user area for quick arming and disarming confirmation.
- Direct zone bypass option

System Object Control and Monitoring

Monitoring of all objects within the system can be achieved from the Protégé® Alphanumeric LCD Keypad:

- Monitor the status of any door, user (anti-pass back), zone (input), PGM (Output) or schedule directly at the keypad.
- Offline functions allow 'Quick Key' menu functions to be performed on objects used for automation (lights, HVAC, electric gates and doors).
- Single automation quick key for REX (Door Request To Exit) or PGM Output activation.

Auto Logout Confirmation

The Protégé® Alphanumeric LCD Keypad can be programmed for a custom auto logout time specific to each station.

Connectivity and System Expansion

Expanding the Protégé® System with local zone (input and PGM Output) from the Protégé® Alphanumeric LCD Keypad allows convenient cost effective expansion:

- 4 zones (zone duplex) can be used to perform any system alarm and automation functions with a dedicated enclosure tamper switch.
- 1 low current PGM Output for driving any signaling device
- Intelligent backlight to minimize power consumption
- Configuration and addressing of the Protégé® Alphanumeric LCD Keypad is achieved by a simple easy to follow configuration menu available during initialization.

| Technical Specifications | |
|--|--|
| Operating Voltage | 11.5VDC to 13.8VDC |
| Operating Current | 38mA (59mA max) |
| User Interface Display | Energy smart backlit LCD 16 x 2 alphanumeric display with enhanced viewing angle. |
| User Interface Keypad | Energy smart backlit 24 key multi-function silicone membrane. |
| Zone Inputs | 2 standard or 4 using Zone Duplex mode |
| PGM Outputs | 1 open collector (negative, 50mA max) Outputs. Programmable for all PGM functions. |
| Display and Audible Functions | Armed, LED ready and LED beeper |
| Operating Temperature | 5° to 55°C (41° to 131°F) |
| Storage Temperature | -10° to 85°C (14° to 185°F) |
| Humidity | 0% to 85% (non condensing) |
| Dimensions (H x W x D) | 126 x 139 x 24mm (4.96 x 5.47 x 0.9") |
| Weight | 318g (11.21oz) |
| The size of conductor used for the supply of power to the Protégé® Alphanumeric LCD Keypad should be adequate in size to prevent voltage drop at the power terminals of no more than 5% of the rated supply voltage. Specifications are subject to change without notice, please visit www.integratedcontroltechnology.com for updated information. | |

| Ordering Code | Description |
|---------------|----------------------------------|
| PRT-KLCD | Protégé® Alphanumeric LCD Keypad |



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International Compliance Standards:
 The Protégé® Alphanumeric LCD Keypad complies with the following international standards. For an installation of the Protégé® Alphanumeric LCD Keypad to comply with any of the standards all installation procedures and programming configuration settings must be made in accordance with the required standard.



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