

P1 SYSTEM



STAND ALONE ACCESS CONTROLLERS

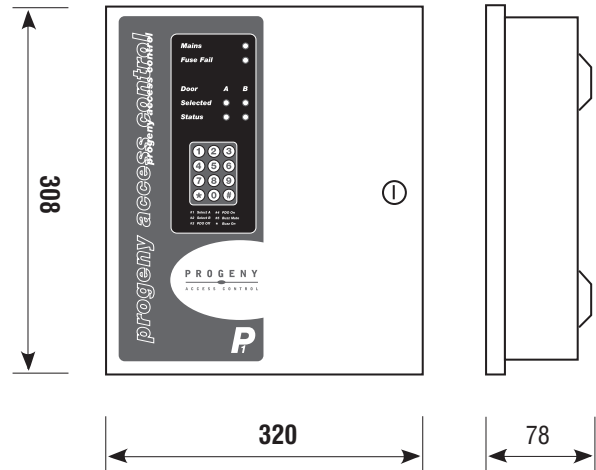
- Stand alone access control with interlock
- Integral 12/24v charger PSU
- One and two door versions
- Card in and card out reader interfaces
- 10,000 card capacity
- 100 access codes
- Card & pin option

STANDALONE CONTROLLERS

This range of controllers is designed to work with the Progeny range of card readers and keyboards. This arrangement allows the control electronics to be mounted on the secure side of the door thus preventing tampering with the system wiring.

The card reader inputs can be used with a wide range of card reading technology (magnetic stripe, proximity, barcode, wlegand) including biometric verification.

The charger power supply is link selectable for 12V or 24V operation and there is space within the enclosure for two 12V, 7Ahr sealed lead acid batteries. These units may interlock with other controllers or with the interlock power supplies (2089 series).



LOBBY ENTRY

The product will read any standard bank card and determine access into semi-secure public areas such as bank ATM lobbies. The system is fully programmable and therefore cards can be added or disallowed depending on the types of card. The built in programming keyboard allows addition or removal of cards in an easy and secure manner.

SPECIFICATION

Access Codes	100 (optionally 1)
Cards	10,000
Guest Cards	100

ALARMS

Door Forced	100 mA
PDO	100 mA
Duress	100 mA
Hacker	100 mA

Code Length	4, 5 or 6 digits
Penalty Timer	0 to 99 seconds

Relay Timer	1 to 99 seconds 0 = toggle mode
-------------	------------------------------------

Lock Output	12 or 24V
-------------	-----------

FAIL SAFE OR FALL SECURE

Relay Contact Ratings	2.0 Amps at 30V DC 2.0 Amps at 30V AC
-----------------------	--

LED Indicators	Mains Fuse fail Selected A, B Status A, B
----------------	--

Engineer Password	6 digits
User Password	6 digits
Keypad Functions	Local PDO mute Sounder mute

ENGINEER FUNCTIONS

Card & Code/Card or Code Select
Factory Reset

Supply Voltage	230 V rma
Supply Power	60 VA

Charger PSU Output

12V Option	13.8V DC
24V Option	27.6V DC
Current Limit	2.0 Amps DC
12/24 Overload	1.6 Amps DC
12V Overload	0.5 Amps
5V Overload	0.1 Amps
Battery Fuse	1.6 Amps anti surge

Note the current limit of the mains derived supply is 2.0 amps at either the 12 or 24 V setting. However 0.5 amps of this should be reserved for charging the batteries and running internal electronics. This leaves 1.5 amp DC for externally connected loads.

Temperature range	0 to 40 C
Humidity (non condensing)	10 to 90%

CABLES

Card Reader	8 Core Screened (Max 100m)
Keyboard	10 Core Screened (Max 100m)
Exit Request	2/6 Core Screened
Lock	2 Core (4 if monitored)
Enclosure	All metal key operated lock for lid

PRODUCT CODES	
DESCRIPTION	CODE
P1 Single door controller	2163
P1 Two door controller	2163D

