PDL3300
CYLINDRICAL LOCK
WITH "DOOR AJAR" FEATURE

WI1293 9/04

Alarm Lock's new PDL3300 Series digital lock is a cylindrical-based door lock that includes a "Door Ajar" feature, allowing an audible warning should the door remain open beyond a programmed period of time. In addition, a relay can be activated by a Door Ajar event, allowing the activation of an external device, such as a siren or a camera. The PDL3300 includes an HID compatible ProxCard® reader.

The PDL3300 is based upon the existing PDL3000 lock design (see WI1021 for more information), with modifications to accommodate new features:

1. **Door Ajar Sensor White Wires**: Monitor the status of a Door Sensor (a normally closed magnetic reed switch that when closed indicates a closed door, and when open indicates an open door). Door Sensor is enabled at the factory, and can be disabled by physically disconnecting the two white wires from the door switch and programming ▢6▢4▢*▢, "Disable Door Ajar Monitoring". If the door is held open (in the "Door Ajar" state) for more than approximately 25 seconds, the lock will silence and go back to sleep. However, the lock will wake up upon a door closure in order to log the closure event (see "New Door Events" below).

2. **New Door Events**: When the monitored door remains open after a pre-programmed length of time, a "Door Ajar" event is logged. When the door is closed again, a "Door Closure" event is logged as well.

3. **New Programming Functions**: New functions can be enabled via the keypad, as follows:

   • **Audible Sounder on Door Ajar**: When the magnetic reed switch is held open beyond the "Door Ajar Trip Time" (default is 20 seconds), the sounder will activate.

   • **Activate Relay on Door Ajar**: When the magnetic reed switch is held open beyond the "Door Ajar Trip Time" (default is 20 seconds), the relay will close for 2 seconds. (Specifications for relay)

   • **Door Ajar Time Duration**: Specifies the amount of time for an open magnetic reed switch to trigger a Door Ajar event, and, if programmed, activating the sounder or relay.

   • **One Time Only for Group 3 Users**: (Implemented in all new Trilogy T3 locks starting with ETDL V36c). When enabled, specifies that all User Codes assigned to Group 3 will be permitted access for one time only. Once access is granted, the User is then disabled, disallowing future access to the secured door. Unless re-enabled by entering Program Mode, the user must present a valid proximity card and/or enter a valid User Code (at the keypad) to allow access. Re-enable the User in one of three ways: (a) In Program Mode, enter ▢4▢ [User Number] ▢*▢; (b) Download original program via DL-Windows (with Users enabled or disabled); or (c) Re-enable each user individually via a schedule. See the PDL3000 Programming Instructions (WI1021) for more information.

DL-Windows Compatibility
The new features were added to DL-Windows, all located on the **Features** screen, *Options* tab:

   • Enable/Disable Door Ajar Monitoring

   • Audible Sounder on Door Ajar

   • Activate Relay on Door Ajar

   • Door Ajar Time Duration

   • One Time Only for Group 3 Users

New Programming Functions

Audible Sounder on Door Ajar

Factory Default = ON.
When the magnetic reed switch is held open beyond the "Door Ajar Time Duration" (default is 20 seconds), the sounder will activate. **NOTE:** "Use Sounder on Door Ajar" is active by default; to disable, program [i] [6] [7] [i] [0] [0] [0] [*] to delete ALL features added by Function 67. See the DL/PDL3000 Programming Instructions for more information.

Enable Sounder [i] [6] [7] [i] [3] [5] [*]

Delete ALL Features added by Function 67 [i] [6] [7] [i] [0] [0] [0] [*]

Activate Relay on Door Ajar

Factory Default = OFF.
When the magnetic reed switch is held open beyond the "Door Ajar Time Duration" (default is 20 seconds), the relay will close for 2 seconds. **NOTE:** To disable "Activate Relay on Door Ajar", program [i] [6] [7] [i] [0] [0] [0] [*] to delete ALL features added by Function 67. See the DL/PDL3000 Programming Instructions for more information.

Enable Relay [i] [6] [7] [i] [1] [2] [*]

Delete ALL Features added by Function 67 [i] [6] [7] [i] [0] [0] [0] [*]

Door Ajar Time Duration

Factory Default = 20 seconds
Valid entries are 2 – 250 seconds

Specifies the amount of time for an open magnetic reed switch to trigger a Door Ajar event, and, if programmed, activating the sounder or relay.

Door Ajar Trip Time (sec.) [i] [6] [8] [i] [_ _ _] [*]
(Number of seconds)

One Time Only for Group 3 Users

Specifies that all User Codes assigned to Group 3 will be permitted access for one time only. Once access is granted, the User (and therefore their User Code and/or Proximity Card/Fob) is then disabled, *disallowing* future access to the protected door. To add a User to Group 3, see the PDL3000 Programming Instructions. **NOTE:** Programming [i] [6] [7] [i] [0] [0] [0] [*] will delete ALL features added by Function 67. See the DL/PDL3000 Programming Instructions for more information.

Enable One Time Only for Group 3 Users [i] [6] [7] [i] [2] [4] [*]

Enable User (By User Number) [i] [4] [i] [_ _ _ _] [*]
(User Number)

Delete ALL Features added by Function 67 [i] [6] [7] [i] [0] [0] [0] [*]