1000-Series Electronic Combination Safe Lock

Swivel-Bolt 'Bolt-On' ECL Safe Lock Option

Product Overview

The **(ECL)** model is the entry level unit in our Electronic Combination Safe Lock **r**ange.



1000-ECL Safe Lock

The (ECL) model is a (2) user based system.

- **User (1)** is identified as the *Manager*.
- **User (2)** is identified as the *other* user granted access to the safe.

A Super-Code is also assigned to this unit.

- This code is an emergency override code that also enables you to reset the Manager Code. **A factory reset procedure is also provided.**
- With the door open, this procedure allows this unit to be reset to its original factory settings.

Lock Options

A Key-Override option is also available.

- This lock option utilises (6) pick-resistant levers with a restricted profile 'WAVE' key.
- Please refer to the *'Safe Lock'* brief for further information on this option.

A Dead-Bolt lock option is also available.

- The model can also be supplied with a Dead-Bolt locking action. The key-override option is not available with this lock.
- Please refer to the *'Dead-Bolt Lock'* brief for further information on this option.

Operating Features

- Access is by the entry of a 6-digit code.
- This model is distributed with a factory set **User (1)** Manager Code.

Functions include

- A Manager Code reset function.
- A User Code set and reset function.
- A Disable/Enable user code function.
- A Delete user function.

Features include

- A (4) minute lock-out is activated when (4) consecutive invalid entry codes detected.
- An automatic re-lock occurs in (4) seconds.
- A low-battery warning feature is included.
- Instructions must be completed in (15) seconds.

Technical Specifications

- Retrofit to international footprint.
- Powered by (1) standard 9v alkaline battery.
- Power supply range is DC 4.5v – 12.0v.
- Low battery voltage is 5.2v.
- Battery life range is about (1) year.
- Working temperature range is -25˚c to +60˚c.
- Working humidity is <90˚c.
- Warranty is (18) months on the electronics.

<u>This unit is patented and Australian Made</u>

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700-Series Safe Lock

Standard 'Bolt-On' Retrofit Safe Lock Option

Product Overview

The 700-Series Safe Lock is an evolution on the 600-Series Safe Lock, in that it incorporates a key-stem centre-line and bolt-head design that makes it retrofit to the standard (3) wheel combination lock footprint.

Product Benefits

- The smaller keyway section design provides a global interchangeable platorm with dial and digital locking systems.
- The lever housing is securely anchored between the lock-case and lock-cap and provides resistance against a jemmy attack and prevents a lever pack collapse associated with bolt-head pressure.
- The vertical side-wall of the lever housing shrouds the lever pack and provides intrusion protection against modern burglary tools endeavouring to read the gates.
- The cruciform design of the side-wall of the lever housing also serves as a bolt-runner and protects the gating-stump from attack
- The bolt-head is steeped down at the rear to prevent forceful extraction from its case.
- The centralised bolt-tail makes picking more difficult, and the levers situated behind the bolt-tail are protected against a gate-drilling technique to align the gates.
- There is no pivoting lever stump to drill-out and small consistent lever belly profiles prevents impressioning and key markings.
- A Key-Code tag is always supplied with the lock to aid the registration/reorder process.

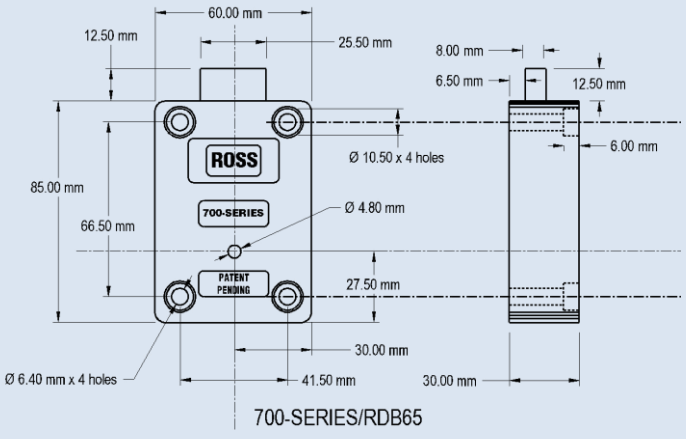


700-SERIES/RDB65 Retrofit Safe Lock

Technical Specifications

- (9) pick resistant levers.
- (1,900,000) possible keycode combinations.
- (2) double-bitted brass keys are provided.
- (7) keylengths are available.
- Keylengths are measured by the distance between the bitt-and-bow of the key.
- Keylengths start from 35mm (RDB35) key through to the 180mm (RDB180) key.
- A keycode is read from the tip of the key to the ROSS embossed keybow.

Bolt-On Fixing



DIMENSIONAL DRAWING

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ROSS 1000-Series Electronic Combination Safe Lock

Swivel-Bolt 'Bolt-On' L02 Safe Lock Option

Product Overview

The **(L02)** model extends on the features provided in the entry level (ECL) unit. The LCD screen display on this entry pad allows 'Menu' options to be viewed and altered with ease.



1000-L02 Safe Lock

The (L02) model is a (30) user based system.

- **User (1) & (2)** are identified as the *Managers.*
- **(28)** *other* access user codes can be registered.

A Super-Code is also assigned to this unit.

- This code is an emergency override code that also enables you to reset the Manager Code. **A factory reset procedure is also provided.**
- This procedure allows this unit to be reset to its original factory settings.

Lock Options

A Key-Override option is also available.

- This lock option utilises (6) pick-resistant levers with a restricted profile 'WAVE' key.
- Please refer to the *'Safe Lock'* brief for further information on this option.

A Dead-Bolt lock option is also available.

- The model can also be supplied with a Dead-Bolt locking action. The key-override option is not available with this lock.
- Please refer to the *'Dead-Bolt Lock'* brief for further information on this option.

Operating Features

- Access is by the entry of a 6-digit code.
- This model is distributed with a factory set **User (1)** Manager Code.

Functions include

- A Manager Code set and reset function.
- A User Code set and reset function.
- A Disable/Enable user code function.
- A Delete 'All' and single user function.

Operating Facilities include

- Activating the Time-Delay facility.
- Activating the Dual-Mode facility
- Activating the Multi-Door option.

Features include.

- A (4) minute lock-out is activated when (4) consecutive invalid entry codes detected.
- An automatic re-lock occurs in (4) seconds.
- A low-battery warning feature is included.
- Instructions must be completed in (15) seconds.

Technical Specifications

- Retrofit to international footprint.
- Powered by (1) standard 9v alkaline battery.
- Static current is 50µA.
- Power supply range is DC 4.5v – 12.0v.
- Low battery voltage is 5.2v
- Battery life range is about (1) year.
- Working temperature range is -25˚c to +60˚c.
- Working humidity is <90˚c.
- Warranty is (18) months on the electronics.

<u>This unit is patented and Australian Made</u>

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ROSS 1000-Series Electronic Combination Safe Lock

Swivel-Bolt 'Bolt-On' L22 Safe Lock Option

Product Overview

The **(L22)** model extends on the features provided in the (L02) unit. The LCD screen display on this entry pad allows 'Menu' options to be viewed and altered with ease.



1000-L22 Safe Lock

The (L22) model is a (30) user based system**.**

- **User (1) & (2)** are identified as the *Managers.*
- **(28)** *other* access user codes can be registered.

A Super-Code is also assigned to this unit.

- This code is an emergency override code that also enables you to reset the Manager Code. **A factory reset procedure is also provided.**
- This procedure allows this unit to be reset to its original factory settings.

Lock Options

A Key-Override option is also available.

- This lock option utilises (6) pick-resistant levers with a restricted profile 'WAVE' key.
- Please refer to the *'Safe Lock'* brief for further information on this option.

A Dead-Bolt lock option is also available.

- The model can also be supplied with a Dead-Bolt locking action. The key-override option is not available with this lock.
- Please refer to the *'Dead-Bolt Lock'* brief for further information on this option.

Operating Features

- Access is by the entry of a 6-digit code.
- This model is distributed with a factory set **User (1)** Manager Code.

Functions include

- A Manager Code set and reset function.
- A User Code set and reset function.
- A Disable/Enable user code function.
- A Delete 'All' and single user function.
- An open under 'Duress' interface facility.

Operating Facilities include

- Activating the Time-Delay facility.
- Activating the 'Duress' Time-Delay facility.
- Activating the Dual-Mode facility
- Activating the Multi-Door option.
- A LCD Audit Trail display facility.

Features include

- A (4) minute lock-out is activated when (4) consecutive invalid entry codes detected.
- An automatic re-lock occurs in (4) seconds.
- A low-battery warning feature is included.
- Instructions must be completed in (15) seconds.

Technical Specifications

- Retrofit to international footprint.
- Powered by (1) standard 9v alkaline battery.
- Static current is 50µA.
- Power supply range is DC 4.5v – 12.0v.
- Low battery voltage is 5.2v
- Battery life range is about (1) year.
- Working temperature range is -25˚c to +60˚c.
- Working humidity is <90˚c.
- Warranty is (18) months on the electronics.

This unit is patented and Australian Made

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ROSS 1000-Series Electronic Combination Safe Lock

Swivel-Bolt 'Bolt-On' BLE Safe Lock Option

Product Overview

The ROSS **(BLE)** Bluetooth model introduces a (BLE) smartphone entry solution. No entry pad is required on the door. Access control is setup and an entry is validated via your smartphone.



1000-BLE Safe Lock

The (BLE) model is a Bluetooth Smart Device.

- It is compatible with all modern Apple smartphones. Android support to follow.
- It is totally off the grid and does not use the 'internet or cloud' to store any data.
- All authorised users and 'eKey' data is securely stored in the PCB Controller itself.

Comes complete with Key-Override.

- This lock option utilises (6) pick-resistant levers with a restricted profile 'WAVE' key.
- Please refer to the *'Safe Lock'* brief for further information on this option.
- This model also comes complete with an Escutcheon and plastic 'Wave' key profile Keyhole Insert that is inserted into the spindle hole of the safe door.

Operating Features

- This model provides a proprietary multi-layer security encryption with rolling code to eliminate unauthorised access.
- Comprises an advanced self-defence protocol.
- Contains intelligent anti-hacking controls and counter-measures.

The Administrator App

- Profiles the way the lock is to be opened by its endorsed users.
  Operating modes include –
- *(Manual)* that requires an 'Unlock' button to be pressed on the smartphone, or
- (Pin-Secured) that requires a PIN to be entered on the smartphone.
  The 'eKey' profiling feature includes -
- Distribution of 'eKey' profiles to all users granted access to the lock.
- Profiles an 'eKey' prior to its distribution by granting a date and/or time profile that defines the time-frame in which the lock can be opened.
- An 'eKey' is distributed as a steganographically encrypted SMS attachment that is unique to that user's smartphone.
- An Audit Trail display facility is provided.
- Instigates the purchase of additional 'eKeys'.
- Has the provision to store (96) 'eKeys'.

The User App

- Engages with the 'eKey' access profile when it comes to opening the lock.
  Features include –
- The 'Open' activation period can be set from (1) second to a (4) minute time-frame.
- An automatic re-lock occurs at the end of this activation period.
- A low-battery warning feature is included.

Technical Specifications

- Powered by (2) standard 1.5v alkaline batteries. Warranty is (18) months on the electronics.

This unit is patented and Australian Made

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