



Solitaire®

Solitaire®
Electronic Access Control Systems
Access Control with a Magnetic Card

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 **KABA®**
TOTAL ACCESS

Access Control Catalog - June 2004

Magnetic Card Based Control

Quickly improve control over who can have access to a room, and when.

- Solitaire electronic locks replace your current door lock quickly and easily.
- Automatically locks or unlocks according to your schedule.
- Improves security by recording who obtained access.
- Identifies authorized users with a unique magnetic card.
- Battery powered, with no wiring required.



Easily replace existing hardware

End the management nightmare and high cost of re-keying locks.

- Each user needs just one keycard for all their access needs.
- Add or delete users in seconds.
- Cancel any lost or misplaced card in an instant at practically no cost.
- No card reprogramming is needed to modify access to any room.
- Keycards can be re-used.








The Higher Security System Solitaire® 850

This system is suitable for any facility that needs higher security, for up to 1,000,000 users and 100,000 doors.

The best security you can offer. Encode your own custom cards using digital encryption, a dedicated encoder and a database which you control.

Ask your Kaba retailer for more information.

System Comparison Solitaire 850L/850/950 Series

	Audit Trail Entries	Users Per System	Doors Per System	Users Per Lock	Daily Lock / Unlock Schedule	Holiday Lock / Unlock Schedule
 LearnLok® Solitaire 850L	1000	200	100,000	200	No	No
 Compatible System Solitaire 950	800	1,000,000	100,000	1,000	Yes	Yes
 Higher Security System Solitaire 850	1000	1,000,000	100,000	1,500	Yes	Yes

Three Kinds of Security

Choose the software that matches the current needs of your facility. Upgrade anytime:

The LearnLok System Solitaire 850L

Ideal for facilities up to 25 users and under 10 doors.

This is the fastest to install, and our most economical system. It requires no computer. The lock "learns" to recognize each user's card when you swipe the "Learn" card through the lock, followed by the user's card. A few minutes of set-up, and you have a fully functioning access control system. You can add or remove users at anytime.

You can supply users with a keycard, or they can use their personal card (credit card, phone card, store card, gas card, etc.). In order to prevent credit card fraud, the system never records the complete credit card number.

The Compatible System Solitaire 950

Ideal for any company or institution that already has an ID badge system.

This access system can support up to 1,000,000 users and 100,000 doors. Within hours, the system can be installed and operational, since users already have their ID card. Simply import the data from your ID card system and you can program every lock according to your security plans.

Educational institutions, large research facilities, and business offices with many individual tenants are just some of the potential applications of the Solitaire 950.

w i t h a M a g n e t i c C a r d

Implement an easy-to-use system that people won't try to bypass in their regular daily tasks.

- Solitaire® locks are easier to operate than a conventional lock.
- Features one-handed operation (swipe, then enter).
- Each user has their own personal card, which discourages lending.
- There is no need for one key to be shared by several people or left in a door for convenience.



Choose a system that evolves with your needs.

Solitaire offers a choice of concepts that fit any size of facility, from just a few doors to thousands of doors in a large office, factory, lab, educational campus or public institution. Because each lock is stand-alone, you can add or move locks whenever you need to. Solitaire lets you add features electronically, without removing the lock from the door.

Minimize your operating costs.

- Uses economical magnetic stripe cards.
- Choose which card to use: an existing ID card, create custom cards or users' personal cards.
- Off-the-shelf AA batteries last up to 4 years.
- Extra-durable finishes stay beautiful with minimal maintenance.
- Solitaire's ANSI Grade 1 certification is the highest durability standard a lock can reach.

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Ultra finish over solid brass

Satin Brass

Satin Chrome

Visible indicator

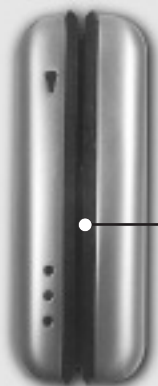
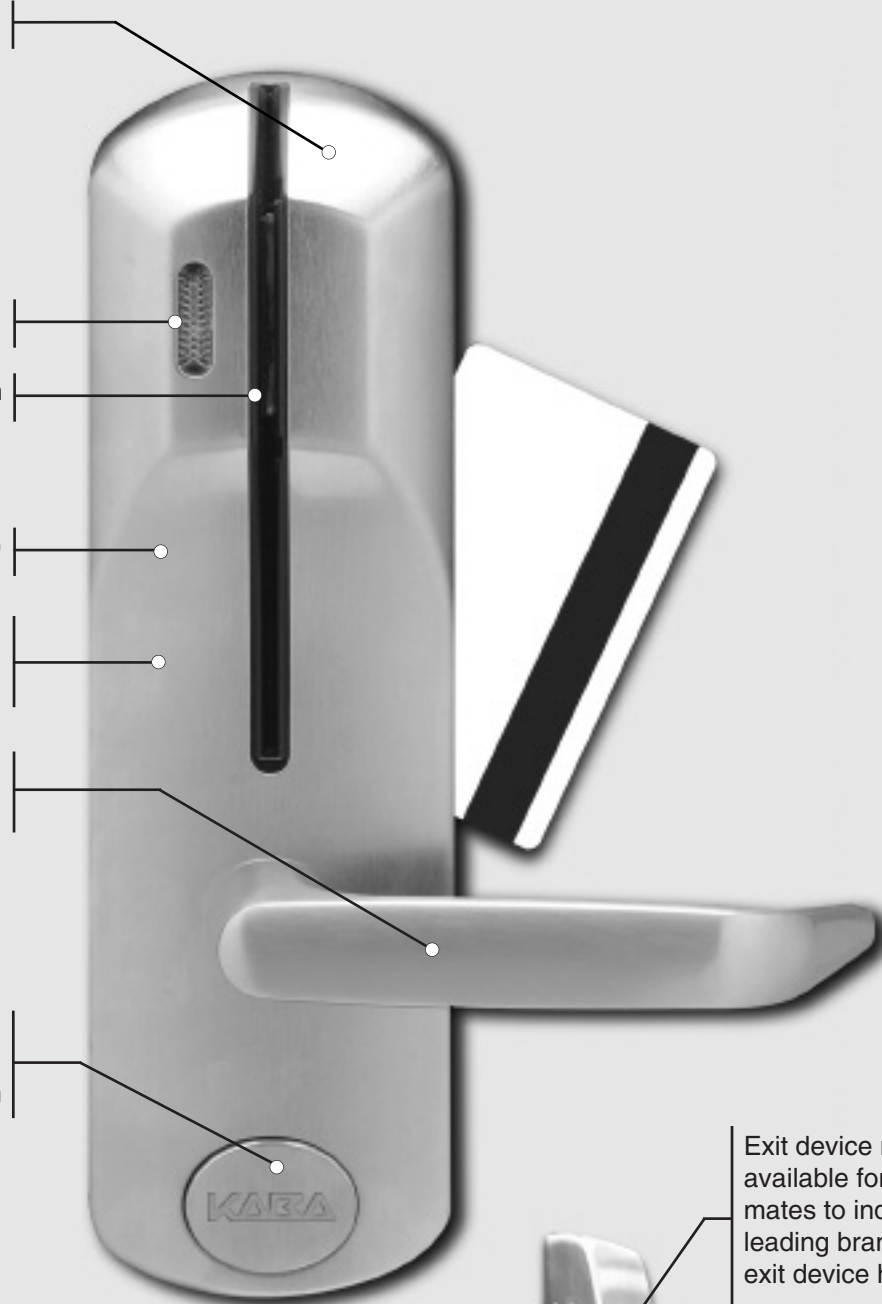
Swipe and enter operation

Heavy duty (ANSI Grade 1)

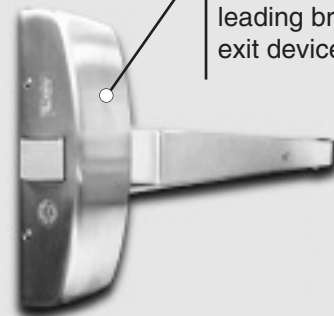
Records the last 800 (950)
or 1000 (850/850L)
transactions

Ergonomic lever handles
(ADA compliant)

Optional key
override hidden
under the medallion



Card reader available
for gates, garage doors,
lobby, etc.

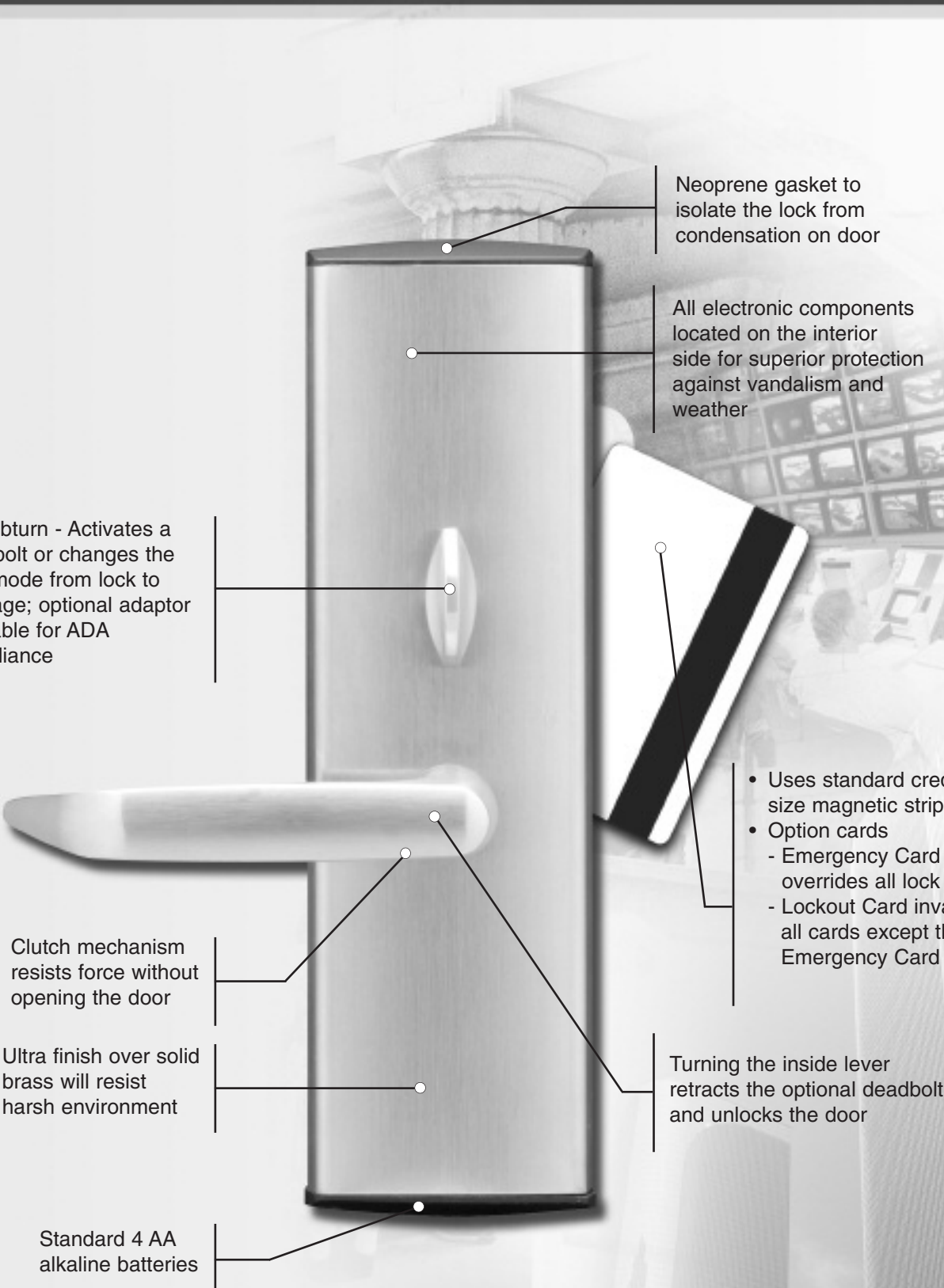


Exit device model
available for doors and
mates to industry
leading brands of
exit device hardware

with a Magnetic Card



Thumbturn - Activates a deadbolt or changes the lock mode from lock to passage; optional adaptor available for ADA compliance



Neoprene gasket to isolate the lock from condensation on door

All electronic components located on the interior side for superior protection against vandalism and weather

Clutch mechanism resists force without opening the door

Ultra finish over solid brass will resist harsh environment

Standard 4 AA alkaline batteries

- Uses standard credit card size magnetic stripe cards
- Option cards
 - Emergency Card overrides all lock modes
 - Lockout Card invalidates all cards except the Emergency Card

Turning the inside lever retracts the optional deadbolt and unlocks the door

Solitaire® 850L LearnLok® Series

System Overview



Solitaire® 850L
LearnLok® Series

Ideal for facilities up to 25 users and under 10 doors

Description

The Solitaire 850L LearnLok is an easy to install, easy to use magnetic stripe card operated access control system that requires no computer or card encoder. Simply swipe the special function cards to program the lock. Swipe the user's access card, and the lock learns to recognize that user. Use a LearnLok user card, or the user's personal credit card or other existing ID card. With no database to maintain, managing the LearnLok system is as easy as keeping a folder of business cards. Each lock and exit device operator in the system has a capacity of 200 users and a 1000 event audit trail. The card reader with its controller has a capacity of 700 users and a 500 event audit trail. The number of doors in a system is unlimited. Features Americans with Disabilities Act (ADA) compliant lever handles and dual sensory feedback (both audible and visible). The lock is Grade 1 certified.

Applications

The Solitaire 850L easily replaces existing cylindrical or mortise door locks. It can be used alone or to complement an existing access control system that uses magnetic stripe cards. The card reader and controller can control garage and elevator doors or electric strikes, and the exit device model permits controlled access from the outside through exit doors with panic device hardware.

System Benefits

Increase security immediately and economically

- Reduce re-keying costs
- No wiring required, no power cable to run
- No computer, encoder, or programming module required
- Uses LearnLok user cards or the user's existing credit card or ID card

Security Features

- Sophisticated access control with three security levels for user access
- The audit trail is a strong deterrent to crime
- 1" solid deadbolt and vandalism resistant construction
- Emergency access by emergency keycard or mechanical key override

System Management

- Easy to use; simply swipe function cards and user cards

Compatibility

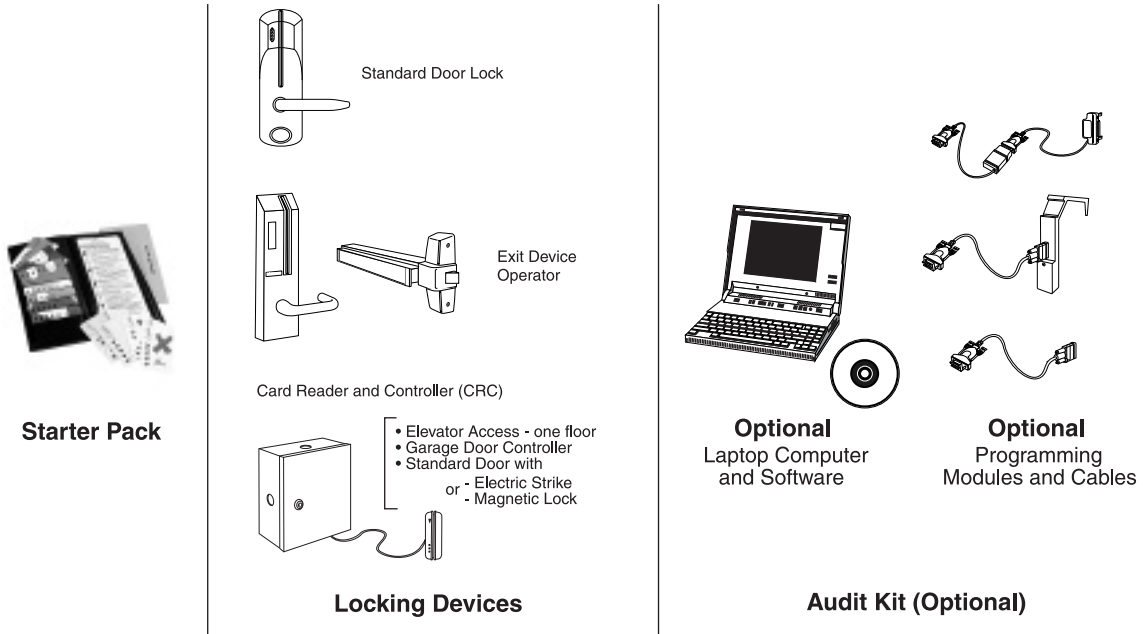
- Works with existing magnetic stripe cards (encoded by any ABA Track 2 encoder as ABA standard data)
- Can be integrated into an existing master key system using major brands of removable cores and conventional key-in-knob cylinders


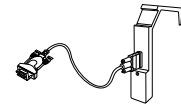

Low Maintenance

- Off the shelf batteries last for up to 100,000 openings or 4 years on average
- User information and audit trail are stored even during battery replacement
- Heavy duty construction and resistant finish - Grade 1 certified

Solitaire® 850L LearnLok® Series

System Overview



Item	Description	Part #
	Starter Pack Includes: Function cards, 10 user cards, 10 cancel cards, user logbook, information cards and filing system, Quick Reference Guide	English: SP850L-2EM French: SP850L-2FM Spanish: SP850L-2SM Portuguese: SP850L-2PM Italian: SP850L-2IM
	Function Pack Includes: 7 function cards	FP850L-2
	User Pack Includes: 25 user cards and 25 cancel cards	UP850L-2
	Cancel Pack Includes: 50 cancel cards	CP850L-2
Optional Hardware and Software for Auditing locks		
	Solitaire 850L Lock Auditor Software	135-509507-FCO
	Programming Module for Lock	064-508674
	Programming Module for Exit Device Operator	502878
	Programming Module for Card Reader and Controller	011-507794
	850L / 850 / 950 Bootstrap Software (DOS) (on special request only)	135-509070

Solitaire® 850L LearnLok® Series

Lock Specifications

Mechanical Features

Description:	Heavy duty electronic lockset (mortise or cylindrical) with clutch mechanism and built-in magnetic stripe card reader.
Handing:	Left or Right factory handed
Lever type:	ADA compliant, outside lever free to rotate in locked mode
Mechanical key override:	Concealed; removable core type or conventional cylinder
Conventional key override:	Kaba (1539)
Key override with removable core:	Ilco, Best and Medeco
Dimensions:	Door thickness from 1 3/8" to 2 1/2" (35 mm to 66 mm) (5 different door thicknesses) - Lever return within 1/2" of door - 1" (25 mm) deadbolt for ASM - 3/4" (19 mm) latch for ASM - 2 3/4" (70 mm) backset*
Weight:	12.4 lbs. (5.6 kg)
Housing construction:	Cast zinc alloy with solid brass cover; concealed mounting and assembly screws
Standard finishes:	Satin Chrome
Optional finishes:	Bright Chrome, Bright Brass, Satin Bronze, Black, Satin Brass

*Due to door bevels, all backset measurements should be made in the center of door thickness.

Electrical Features

Batteries:	4 x AA (alkaline type only)
Battery life:	Up to 100,000 openings or 4 years on average
Low battery:	Visible indicator

Lock Operation

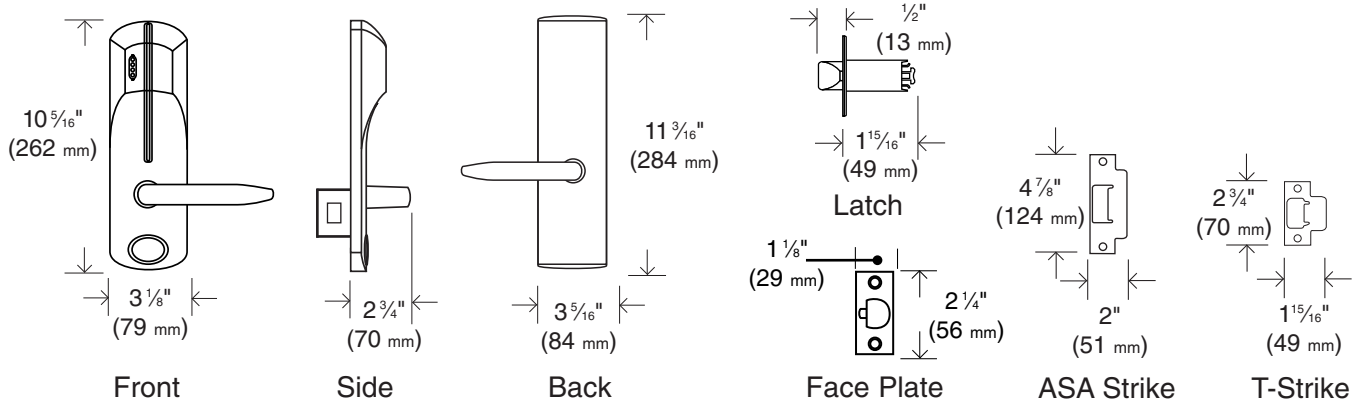
Keycards accepted:	High/low coercivity ABA Track 2 cards, including credit cards. The lock's audit feature reads and saves only the last nine digits in lock's memory to prevent fraud
Programming:	Using function cards
Feedback:	"Dual sensory" audible and visible indicators
Maximum number of users:	200 Users/Lock, 200 Users/Exit Device, 700 Users/Card Reader
Audit memory:	Lock lasts 1,000 transactions, Card Reader lasts 500 transactions
Audit trail downloading:	Using optional software and programming module connected to PC
Security levels:	2 master levels, 1 user level
Emergency access:	Emergency keycard or mechanical key override
Passage mode:	Set by authorized user; duration up to 9 hours
Lockout mode:	Set by authorized user

Certifications and Testing

Accessibility standards:	ADA compliant lever handles
Fire rating:	Meets UL 10B and ULC S-104 on fire door rated up to and including 3 hours
Electronics:	FCC part 15 class A and CE directive 89/336/EEC compliant
Durability:	ANSI Grade 1 A156.13 certified (ASM 1 1/4" (32 mm) Mortise lock
Environmental operating conditions:	-31°F to 151°F (-35°C to 66°C); withstands rain, dust and salt

Solitaire® 850L LearnLok® Series

Cylindrical Lock





Example

8 5 1 5 0 2 1 D L L 2 - 6 2 6

Model Locking Device Track Lever Key Override Handing Ver. Door Thickness Finish

Build the model number with the desired options

Model	Locking Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
851 Storeroom Lock No deadbolt, no thumbturn	50 Cylindrical Unit Latch $\frac{1}{2}"$ (13 mm) Backset $2\frac{3}{4}"$ (70 mm)	1	1 Long/Long <i>Front</i> 	D Ilco core included cylinder / keyed different	L Left Hand or Left Hand Reverse	1 $1\frac{1}{8}"$ (35 mm)	1 $1\frac{1}{8}"$ (35 mm)	Standard
			<i>Back</i> 					
		2		B Best 6/7-pin cylinder adapter		3 $2"$ (53 mm)		Optional
				M Medeco 6-pin cylinder adapter		4 $2\frac{1}{4}"$ (60 mm)		605 Bright Brass
				K Kaba (1539) adapter, for conventional cylinder		5 $2\frac{1}{2}"$ (66 mm)		625 Bright Chrome
						V *Variables		612 Satin Bronze
								622 Black painted
								606 Satin Brass

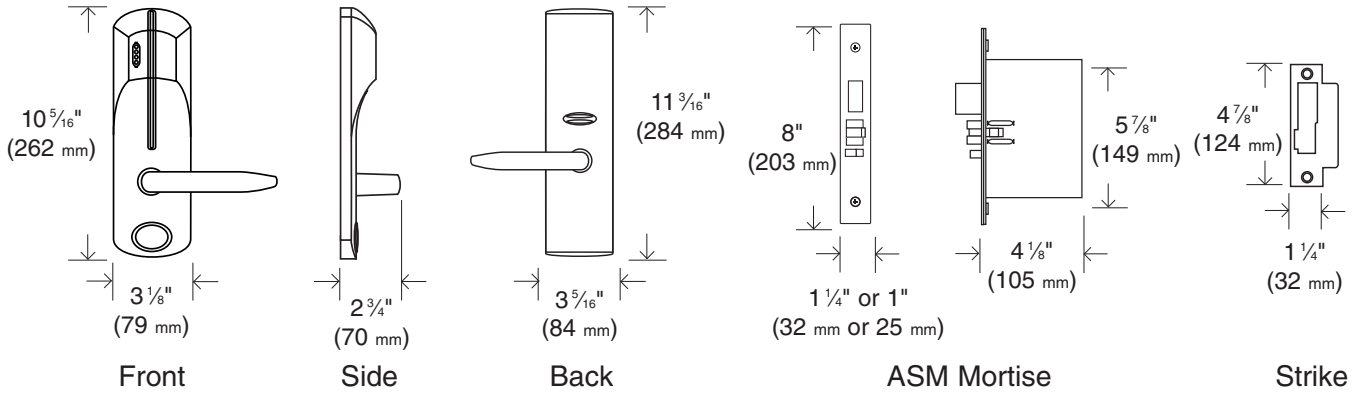
** Variables to be used only when cylindrical unit is not centered in the door or door thickness is greater than $2\frac{1}{2}"$ (66 mm).*

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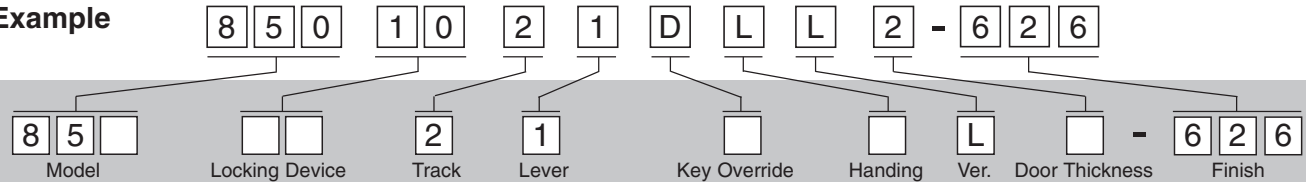
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

Standard Mortise (ASM) Lock



Example

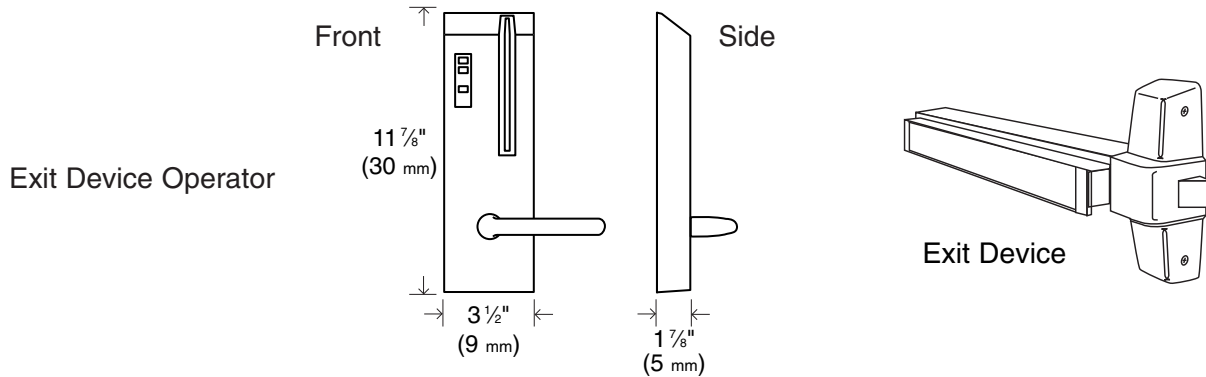


Build the model number with the desired options

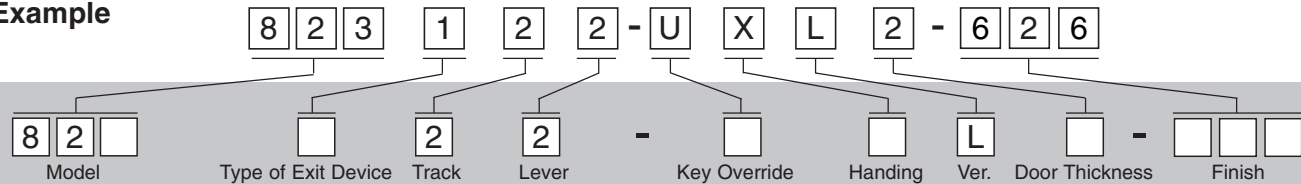
Model	Locking Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
850 Deadbolt Lock Deadbolt operated by the thumbturn	10 ASM with 1 ¹ / ₄ " (32 mm) faceplate	1	1 Long/Long Front  Back 	D Ilco core included cylinder/keyed different	L Left R Right X Left Hand Reverse Y Right Hand Reverse	1 1 ⁵ / ₈ " - 1 ¹ / ₂ " (35 - 40 mm) 2 1 ⁵ / ₈ " - 1 ³ / ₄ " (41 - 47 mm) 3 1 ¹ / ₈ " - 2" (48 - 53 mm) 4 2 ¹ / ₈ " - 2 ¹ / ₄ " (54 - 60 mm) 5 2 ³ / ₈ " - 2 ¹ / ₂ " (61 - 66 mm)	Standard 626 Satin Chrome <i>Only finish recommended for outdoor use.</i>	
	11 ASM with 1" (25 mm) faceplate		U Ilco core included cylinder/keyed alike B Best 6/7-pin cylinder adapter M Medeco 6-pin cylinder adapter					
851 Storeroom No deadbolt, no thumbturn	12 ASM with 1 ¹ / ₄ " (32 mm) faceplate	2		K Kaba (1539) adapter, for conventional cylinder		L 8 5 0 L V *Variables <i>* Variables to be used only when cylindrical unit is not centered in the door or door thickness is greater than 2¹/₈" (66 mm).</i>	Optional 605 Bright Brass 625 Bright Chrome 612 Satin Bronze 622 Black painted 606 Satin Brass	
	13 ASM with 1" (25 mm) faceplate							

Solitaire® 850L LearnLok® Series



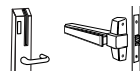

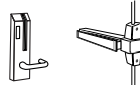
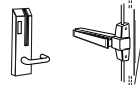
Exit Device Operator



Example



Build the model number with the desired options

Model	Type of Exit Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
821 Arrow Kit Outdoor swipe front lock housing. Includes exit device.	1 Arrow S3808 	2	2 Long 	U Ilco cylinder (included) B Best 6-pin cylinder adapter M Medeco 6-pin cylinder adapter	X Left Hand Reverse Y Right Hand Reverse	1 1 3/8" - 1 1/2" (35 - 40 mm) 2 1 5/8" - 1 3/4" (41 - 47 mm) 3 1 7/8" - 2" (48 - 53 mm) 4 2 1/8" - 2 1/4" (54 - 60 mm) 5 2 3/8" - 2 1/2" (61 - 66 mm) V *Variables	Standard 626 Satin Chrome <i>Only finish recommended for outdoor use.</i> 606 Satin Brass	
822 Mortise Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9875/9975EO-F 1 Arrow S3908/S1908 							
823 Rim Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 98/99 EO-F 1 Arrow S3808/S1808* 2 Yale 7100-36 3 Corbin Russwin ED 8200 4 Precision 1103,FL1103 							
824 Vertical Rod Surface Mount Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9827/9927EO-F 1 Arrow S3708/S1708 							
825 Vertical Rod Concealed Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9847/9947EO-F  <small>Rods are inside the door.</small>							

Exit Device Operator

- Operates like the Solitaire 850L lock
- Allows exit doors equipped with panic devices to double as controlled entrances

* This model requires an adapter not supplied by Kaba. It must be sourced from Arrow.

Solitaire® 850 Series

System Overview

Suitable for any facility that needs higher security for up to 1,000,000 users and 100,000 doors

Description

The Solitaire 850 is an economical, stand-alone alternative to hard-wired systems, offering user groups, holidays and time zones, preprogrammed locking and unlocking, and a full audit trail. The Windows® based management software assists with programming and auditing of all the locks in a facility, and with preparation of user keycards using the card encoder. Keycards are encrypted on site for enhanced security. Features Americans with Disabilities Act (ADA) compliant lever handles and dual sensory feedback (both audible and visible). The lock is Grade 1 certified.

Applications

The Solitaire 850 easily replaces existing cylindrical or mortise door locks. The separate card reader and controller can control garage and elevator doors or electric strikes, and the exit device model permits controlled access from the outside through exit doors with panic device hardware.

System Benefits

On-line access control system benefits at a fraction of the cost

- Reduce re-keying costs
- No wiring required, no power cable to run
- User-friendly management software
- Access the audit trail quickly and easily
- Simple to install or expand, for any size of facility

Security Features

- Encrypted user keycards encoded on-site
- Standard Track 2; can be custom ordered to use another track for added security
- Full audit of both lock and system activity on PC
- Timezones and holidays deactivate keycards when the user is not authorized to enter
- Replacement cards deactivate lost cards the first time they are used
- 1" solid deadbolt and vandalism resistant construction
- Emergency access by keycard or mechanical key override

Compatibility

- Can be integrated into an existing master key system using major brands of removable cores or conventional key-in-knob type cylinders

Low Maintenance

- Off the shelf batteries last for up to 100,000 openings or 4 years on average
- User information and audit trail are stored even during battery replacement
- Heavy duty construction and resistant finish
- ANSI/BHMA Grade 1 certified

Management Software

- Easy to use Windows® interface
- Password protection with 4 administration levels
- Creates users and groups with detailed profiles and privileges

- Lists locks affected by a programming change
- Program or audit locks quickly and easily using a clip-on infrared module and laptop computer
- Generate cards and reports
- Supports up to 1,000,000 lock users, and 100,000 locks in a system
- 16 time zones, 14 programmable; 18 holidays
- Card expiration date encoded on all cards
- Audits the last 1,000 transactions in the lock
- Facility code protects from unauthorized programming

Programming Module

- Connects between the lock and the laptop PC for programming and auditing

Computer Requirements

- Pentium 166 MHz, or better
- 32 MB of RAM as minimum, 64 MB recommended
- One serial port and one parallel port; or USB ports
- SVGA video card
- Minimum 1 GB of free hard drive space, 2 GB recommended
- CD-ROM drive (R/W for backing up database)
- Any printer with MS Windows driver
- Windows 98SE or NT Version 4.0 (With Service Pack 4 installed) XP operating system

Card Encoder

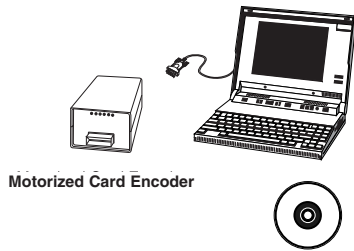
- Creates encrypted user keycards unique to each site
- Motorized card handling for high volume, error free operation
- Encodes and reads Track 2 (track 1 or 3 optional) on high coercivity (2700 Oersted) keycards

Card & Accessories

- Stock magnetic stripe keycards
- Custom printed magnetic stripe keycards
- Cleaning cards

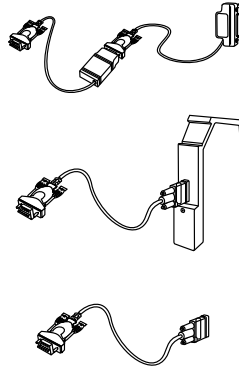
Solitaire® 850 Series

System Overview

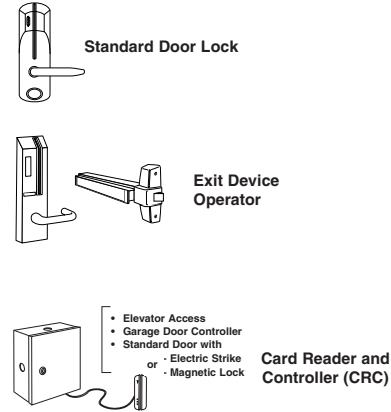


Motorized Card Encoder

Laptop Computer,
Software and Encoder



Programming
Modules and Cables



Locking Devices

Item	Description	Part #
	Solitaire 850 Software Includes: CD, User's Guide	135-509232-FCD
	High Coercivity Motorized Encoder	
	North American power supply	
	Track 1	502839-1NA
	Track 2	502839-2NA
	Track 3	502839-3NA
	European power supply	
	Track 1	502839-1EU
	Track 2	502839-2EU
	Track 3	502839-3EU
	United Kingdom power supply	
	Track 1	502839-1UK
	Track 2	502839-2UK
	Track 3	502839-3UK
	Australian power supply	
	Track 1	502839-1AU
	Track 2	502839-2AU
	Track 3	502839-3AU
	Programming Module for Lock (including RS232 Power Booster)	064-508674
	Programming Module for Exit Device Operator	502878
	Programming Module for Card Reader	011-507794
	Solitaire 850 High-Coercivity Keycard (minimum order of 500)	HIC-F0850-BLAN

Solitaire® 850 Series

Lock Specifications

Mechanical Features

Description:	Heavy duty electronic lockset (mortise or cylindrical) with clutch mechanism; built-in magnetic stripe card reader.
Handing:	Left or Right factory handed
Lever type:	ADA compliant, outside lever free to rotate in locked mode
Mechanical key override:	Concealed; removable core type or conventional cylinder
Conventional key override:	Kaba (1539)
Key override with removable core:	Ilco, Best and Medeco
Dimensions:	Door thickness from 1 3/8" to 2 1/2" (35 mm to 66 mm) (5 different door thicknesses) - Lever return within 1/2" of door/ 1" (25mm) deadbolt for ASM - 3/4" (19mm) latch for ASM/2 3/4" (70 mm) backset*
Weight:	12.4 lbs. (5.6 kg)
Housing construction:	Cast zinc alloy with solid brass cover; concealed mounting and assembly screws
Standard finishes:	Satin Chrome
Optional finishes:	Bright Chrome, Bright Brass, Satin Bronze, Black, Satin Brass

*Due to door bevels, all backset measurements should be made in the center of door thickness.

Electrical Features

Batteries:	4 x AA (alkaline type only)
Battery life:	Up to 100,000 openings or 4 years on average
Low battery:	Visible indicator

Solitaire® 850 Series

System Overview

Lock Operation

Keycards accepted:	High coercivity magnetic stripe keycards (2700 Oersteds)
Keycard personality:	Standard track 2, or custom order choice of tracks 1 or 3; cards are encrypted and unique to each site
Programming:	Using Windows® based management software
Feedback:	“Dual sensory” audible and visible indicators
Maximum number of users:	Up to 1,000,000 users, 100,000 doors, and 1500 users per lock
Audit memory:	Last 1,000 transactions
Date/Time stamp:	Real time; date and hours/minutes
Audit trail downloading:	Using programming module connected to PC
Emergency access:	Emergency keycard or mechanical key override
Passage mode:	Set by authorized user or scheduled for automatic unlock/lock
Lockout mode:	Set by authorized user, electronic (or manually by thumbturn)
Auto unlock:	Scheduled by authorized user, electronic
User scheduling:	16 timezones; 14 programmable, 18 holidays; auto-unlock
Entrance lock option:	Inside lever automatically activates passage mode

870 lock

Certifications and Testing

Accessibility standards:	ADA compliant lever handle
Fire rating:	Meets UL 10B and ULC S-104 on fire door rated up to and including 3 hours
Electronics:	FCC part 15 class A and CE directive 89/336/EEC compliant
Durability:	ANSI Grade 1 A156.13 certified (ASM 1 ¼" (32 mm) Mortise lock
Environmental operating conditions:	-31°F to 151°F (-35°C to 66°C); withstands rain, dust and salt

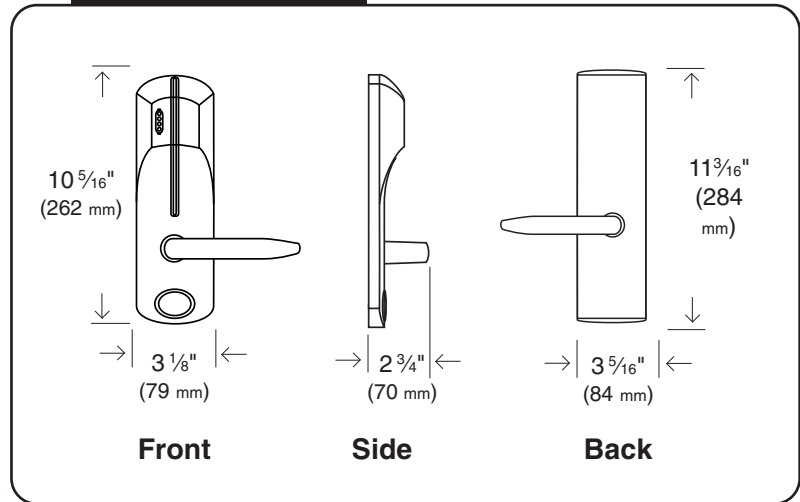
Solitaire

870

Electronic Access Control Systems



Dimensions



Application

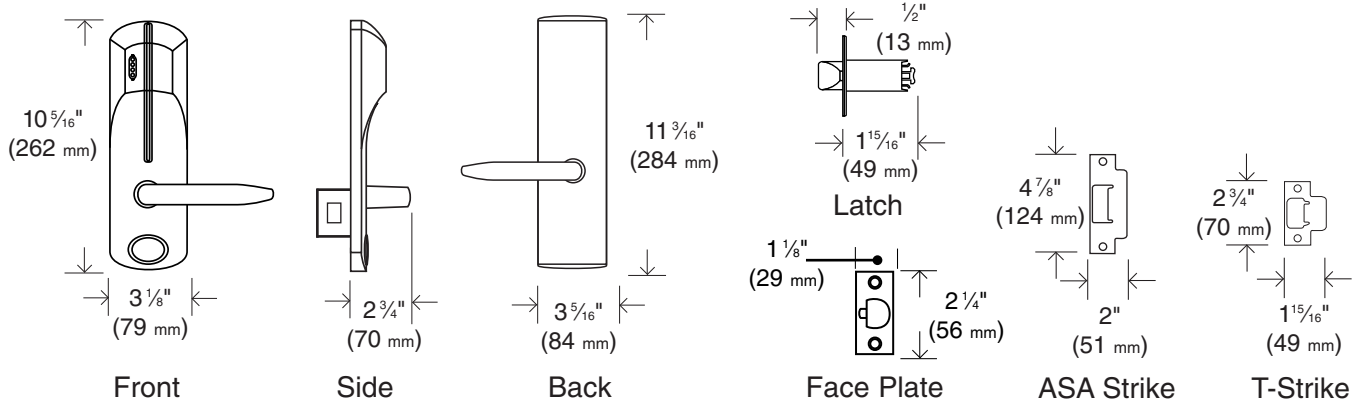
The Solitaire 870 quickly replaces any traditional key operated door lock to provide access using encrypted data on magnetic stripe ID cards. To unlock the door from the exterior, users swipe their keycard through the lock. Upon entering the room, the lock relocks 6 seconds after opening, or as soon as the user engages the deadbolt. When the inside lever is rotated to exit the room, the lock goes into passage mode. This permits re-entry indefinitely without the use of a keycard – preventing lockouts. To relock the door, the user must swipe their keycard through the lock on the outside of the door.

Features

- Meets NBC code, section 9-9-69 – will not relock upon exiting until card is swiped on outside of the door
- Ideal for any sized company or institution that prefers an encrypted user keycard
- Utilizes magnetic stripe keycards with Kaba encrypted data for high security
- System supports up to 1 million users and 100,000 doors – up to 1500 users per lock
- Keeps an audit record in memory each time access is granted
- Battery powered, with no wiring required
- Automatically locks or unlocks on a schedule
- Heavy-duty construction and extra-durable finish
- ANSI Grade 1 certification

Solitaire® 850 Series

Cylindrical Lock





Example

8 5 2 5 0 2 1 D L 0 2 - 6 2 6

8 5 Model 5 0 Locking Device Track 1 Lever D Key Override L Handing 0 Ver. Door Thickness - 6 2 6 Finish

Build the model number with the desired options

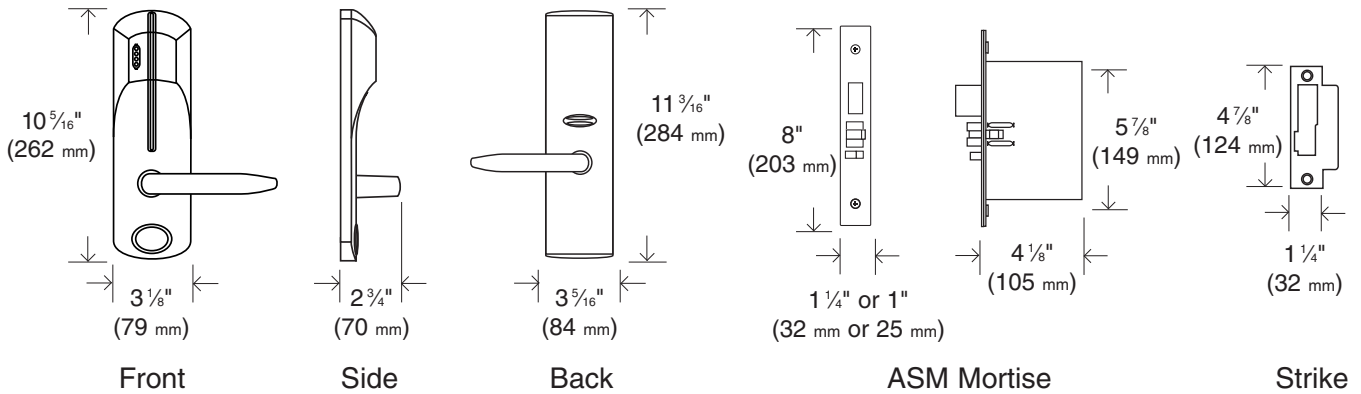
Model	Locking Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
852 Standard Lock No deadbolt, passage activated with the thumbturn	50 Cylindrical unit latch $\frac{1}{2}"$ (13 mm) Backset $2\frac{3}{4}"$ (70 mm)	Standard: 2 Optional: 1 or 3	1 Long/Long <i>Front</i>  <i>Back</i> 	D Ilco core included cylinder / keyed different	L Left Hand or Left Hand Reverse	0	1 $1\frac{1}{8}"$ (35 mm)	Standard
851 Storeroom Lock No deadbolt, no thumbturn			U Ilco core included cylinder / keyed alike	R Right Hand or Right Hand Reverse	2 $1\frac{1}{4}"$ (47 mm)		626 Satin Chrome <i>Only finish recommended for outdoor use.</i>	
			B Best 6/7-pin cylinder adapter		3 $2"$ (53 mm)		Optional	
			M Medeco 6-pin cylinder adapter		4 $2\frac{1}{4}"$ (60 mm)		605 Bright Brass	
			K Kaba (1539) adapter, for conventional cylinder		5 $2\frac{1}{2}"$ (66 mm)		625 Bright Chrome	
					V *Variables		612 Satin Bronze	
					<i>* Variables to be used only when cylindrical unit is not centered in the door or door thickness is greater than $2\frac{1}{2}"$ (66 mm).</i>		622 Black painted	
							606 Satin Brass	

Solitaire®

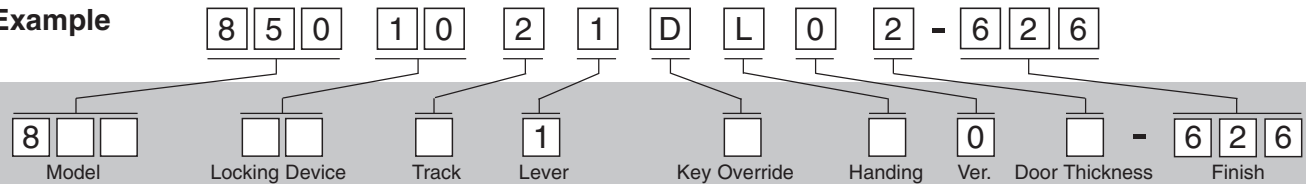
Access Control Catalog - June 2004

Solitaire® 850 Series



Standard Mortise (ASM) Lock



Example

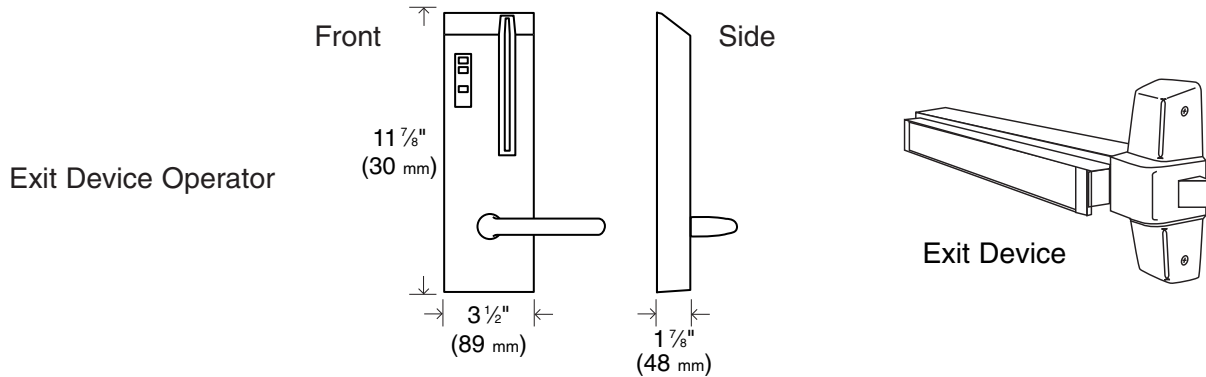


Build the model number with the desired options

Model	Locking Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
850 Deadbolt Lock Deadbolt operated by the thumbturn	10 ASM with 1 ¹ / ₄ " (32 mm) faceplate	Track	1 Long/Long  	D Iloco core included cylinder/keyed different	L Left	Version	1 1 ¹ / ₈ " - 1 ¹ / ₂ " (35 - 40 mm)	Standard
870 Entrance Lock Inside lever automatically activates passage mode. Deadbolt projected by the thumbturn	11 ASM with 1" (25 mm) faceplate		U Iloco core included cylinder/keyed alike	R Right	2 1 ⁵ / ₈ " - 1 ³ / ₄ " (41 - 47 mm)		Optional	
852 No deadbolt, passage activated with the thumbturn	12 ASM with 1 ¹ / ₄ " (32 mm) faceplate	Standard: 2 Optional: 1 or 3	B Best 6/7-pin cylinder adapter	X Left Hand Reverse	3 1 ¹ / ₈ " - 2" (48 - 53 mm)	0	4 2 ¹ / ₈ " - 2" (54 - 60 mm)	605 Bright Brass
851 No deadbolt, no thumbturn	13 ASM with 1" (25 mm) faceplate		M Medeco 6-pin cylinder adapter	Y Right Hand Reverse	5 2 ³ / ₈ " - 2 ¹ / ₂ " (61 - 66 mm)		625 Bright Chrome	
		K Kaba (1539) adapter, for conventional cylinder		V *Variables	612 Satin Bronze			
				<i>* Variables to be used only when cylindrical unit is not centered in the door or door thickness is greater than 2 ¹/₈" (66 mm).</i>	622 Black painted			
								606 Satin Brass

Solitaire® 850 Series

Exit Device Operator



Example

8
2
3
1
2
2
-
U
X
E
2
-
6
2
6

8
2



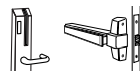



2
-

E

-

Model Type of Exit Device Track Lever Key Override Handing Ver. Door Thickness Finish

Build the model number with the desired options

Model	Type of Exit Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
821 Arrow Kit Outdoor swipe front lock housing. Includes exit device.	1 Arrow S3808 	Standard: 2 Optional: 1 or 3	2 Long 	U Ilco cylinder (included) B Best 6-pin cylinder adapter M Medeco 6-pin cylinder adapter	X Left Hand Reverse Y Right Hand Reverse	E	1 1 3/8" - 1 1/2" (35 - 40 mm) 2 1 5/8" - 1 3/4" (41 - 47 mm) 3 1 7/8" - 2" (48 - 53 mm) 4 2 1/8" - 2 1/4" (54 - 60 mm) 5 2 3/8" - 2 1/2" (61 - 66 mm) V *Variables <i>* Variables to be used when door thickness is greater than 2 1/2" (66 mm).</i>	626 Satin Chrome <i>Only finish recommended for outdoor use.</i> 606 Satin Brass
822 Mortise Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9875/9975EO-F 1 Arrow S3908/S1908 							
823 Rim Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 98/99 EO-F 1 Arrow S3808/S1808* 2 Yale 7100-36 3 Corbin Russwin ED 8200 4 Precision 1103, FL1103 							
824 Vertical Rod Surface Mount Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9827/9927EO-F 1 Arrow S3708/S1708 							
825 Vertical Rod Concealed Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9847/9947EO-F 							

Exit Device Operator

- Operates like the Solitaire 850 lock
- Allows exit doors equipped with panic devices to double as controlled entrances

* This model requires an adapter not supplied by Kaba. It must be sourced from Arrow.

Solitaire® 950 Series

System Overview

Ideal for any company or institution that already has an ID badge system

Description

The Solitaire 950 is an ideal stand-alone system for facilities such as universities and large commercial facilities. It uses the pre-encoded information on the customer's existing magnetic stripe ID cards and imports their user database. The Solitaire 950 expands and complements your existing access control system at a fraction of the cost of hard-wired systems, but with many of the same features. Includes user groups, holidays, time zones, vacation blocks and a full audit trail. The user-friendly management software assists with programming and auditing of all the locks in a facility. Features Americans with Disabilities Act (ADA) compliant lever handles and dual sensory feedback (both audible and visible). The lock is Grade 1 certified.

Applications

The Solitaire 950 easily replaces existing cylindrical or mortise door locks. The separate card reader and controller can control garage and elevator doors or electric strikes, and the exit device model permits controlled access from the outside through exit doors with panic device hardware.

System Benefits

Hard-wired access control system benefits at a fraction of the cost

- Use customers' existing ID keycards
- Reduce re-keying costs
- No wiring required, no power cable to run
- User-friendly management software
- Access the audit trail quickly and easily
- Simple to install or expand, for any size of facility

Security Features

- Encrypted master and temporary keycards encoded on-site
- Full audit of both lock and system activity, with date/time stamp
- Timezones, holidays and vacation blocks deactivate keycards when the user is not authorized to enter
- Temporary cards expire automatically
- 1" solid deadbolt and vandalism resistant construction
- Emergency access by keycard or mechanical key override

Compatibility

- Can be integrated into an existing master key system using major brands of removable cores or conventional key-in-knob cylinder
- Uses any ABA Track 2, open architecture keycards (credit card encoding standard)

Low Maintenance

- Off the shelf batteries last for up to 100,000 openings or 4 years on average
- User information and audit trail are stored even during battery replacement
- Heavy duty construction and resistant finish
- ANSI/BHMA Grade 1 certified

Management Software

- Easy to use Windows® interface
- Password protection with 4 administrator levels
- Assign users and groups with detailed profiles and privileges

- Creates temporary cards and reads existing ID cards
- Supports up to 1,000,000 lock users and 100,000 locks in a system
- Imports/Exports user database
- 16 time zones, 14 programmable; 18 holidays; 4 vacation blocks
- Lists locks affected by a programming change
- Audits the last 800 transactions in the lock
- Facility code protects from unauthorized programming

Programming Module

- Connects between the lock and the laptop for programming and auditing

Computer Requirements

- Pentium 166 MHz, or better
- 64 MB of RAM
- One serial port and one parallel port; or USB ports
- SVGA video card
- Minimum 1 GB of free hard drive space, 2 GB recommended
- CD-ROM drive (R/W for backing up database)
- Any printer with MS Windows driver
- Windows 98SE or NT Version 4.0 (With Service Pack 4 installed) XP operating system

Card Encoder

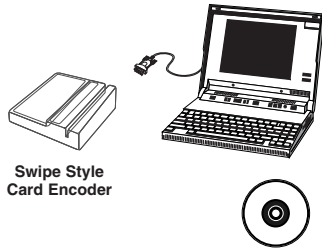
- Creates encrypted master and temporary keycards unique to each site
- Swipe card handling for ease of use
- Encodes and reads Track 2 on low coercivity (300 Oersted) keycards
- Reads any high coercivity keycards on track 2

Card & Accessories

- Stock magnetic stripe keycards
- Custom printed magnetic stripe keycards
- Cleaning cards

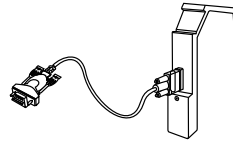
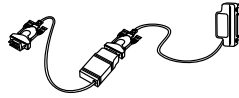
Solitaire® 950 Series

System Overview

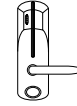


Swipe Style
Card Encoder

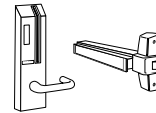
Laptop Computer,
Software and Encoder



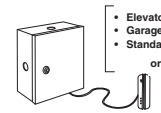
Programming
Modules and Cables



Standard Door Lock





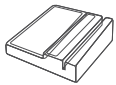

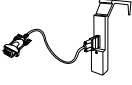

Exit Device
Operator



- Elevator Access
- Garage Door Controller
- Standard Door with
Electric Strike
or
Magnetic Lock

Card Reader and
Controller (CRC)

Locking Devices

Item	Description	Part #
 	Solitaire 950 Software Includes: CD, User's Guide	135-510008-FCD
	Low Coercivity Swipe Card Encoder Track 2	503887-1NA
	Programming Module for Lock	064-508674
	Programming Module for Exit Device Operator	502878
	Programming Module for Card Reader	011-507794
	Solitaire 950 Low-C Keycard (minimum order of 500)	LOC-F0900-B018

Solitaire® 950 Series

Lock Specifications

Mechanical Features

Description:	Heavy duty electronic lockset (mortise or cylindrical) with clutch mechanism; built-in magnetic stripe card reader.
Handing:	Left or Right factory handed
Lever type:	ADA compliant, outside lever free to rotate in locked mode
Mechanical key override:	Concealed; removable core type or conventional cylinder
Conventional key override:	Kaba (1539)
Key override with removable core:	Ilco, Best and Medeco
Dimensions:	Door thickness from 1 3/8" to 2 1/2" (35 mm to 66 mm) (5 different door thicknesses) - Lever return within 1/2" of door - 1" (25 mm) deadbolt for ASM - 3/4" (19 mm) latch for ASM - 2 3/4" (70 mm) backset*
Weight:	12.4 lbs. (5.6 kg)
Housing construction:	Cast zinc alloy with Solid Brass cover; concealed mounting and assembly screws
Standard finishes:	Satin Chrome
Optional finishes:	Bright Chrome, Bright Brass, Satin Bronze, Black, Satin Brass

*Due to door bevels, all backset measurements should be made in the center of door thickness.

Electrical Features

Batteries:	4 x AA (alkaline type only)
Battery life:	Up to 100,000 openings or 4 years on average
Low battery:	Visible indicator

Lock Operation

Keycards accepted:	High or low coercivity magnetic stripe keycards
Keycard personality:	Standard track 2, ABA open architecture (credit card encoding standard)
Programming:	Using Windows® based management software
Feedback:	"Dual sensory" audible and visible indicators
Maximum number of users:	Up to 1,000,000 users, 100,000 doors, and 1500 users per lock
Audit memory:	Last 800 transactions
Date/Time stamp:	Real time; date and hours/minutes
Audit trail downloading:	Using programming module connected to PC
User scheduling:	16 time zones, 14 programmable; 18 holidays; 4 vacation blocks
Emergency access:	Emergency keycard or mechanical key override
Passage mode:	Manual (by thumbturn) or electronic, set by authorized user
Lockout mode:	Electronic, set by authorized user

Certifications and Testing

Accessibility standards:	ADA compliant lever handle
Fire rating:	Meets UL 10B and ULC S-104 on fire door rated up to and including 3 hours
Electronics:	FCC part 15 class A and CE directive 89/336/EEC compliant
Durability:	ANSI Grade 1 A156.13 certified (ASM 1 1/4" (32 mm) Mortise lock
Environmental operating conditions:	-31°F to 151°F (-35°C to 66°C); withstands rain, dust and salt

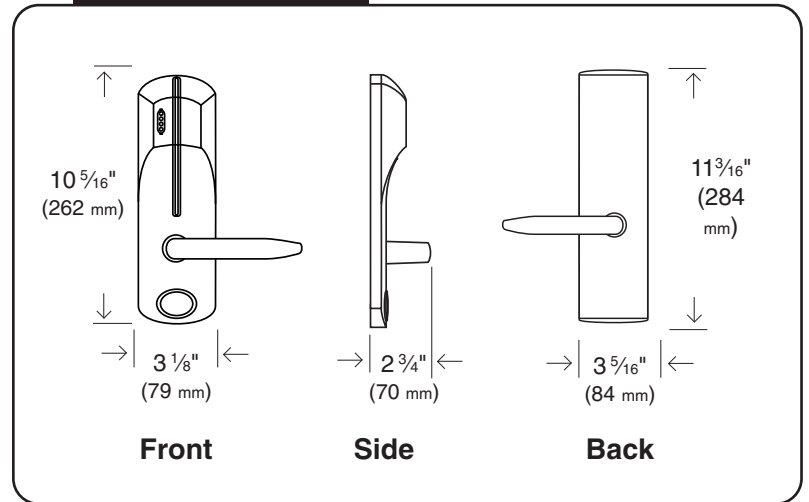
Solitaire

970

Electronic Access Control Systems



Dimensions



Application

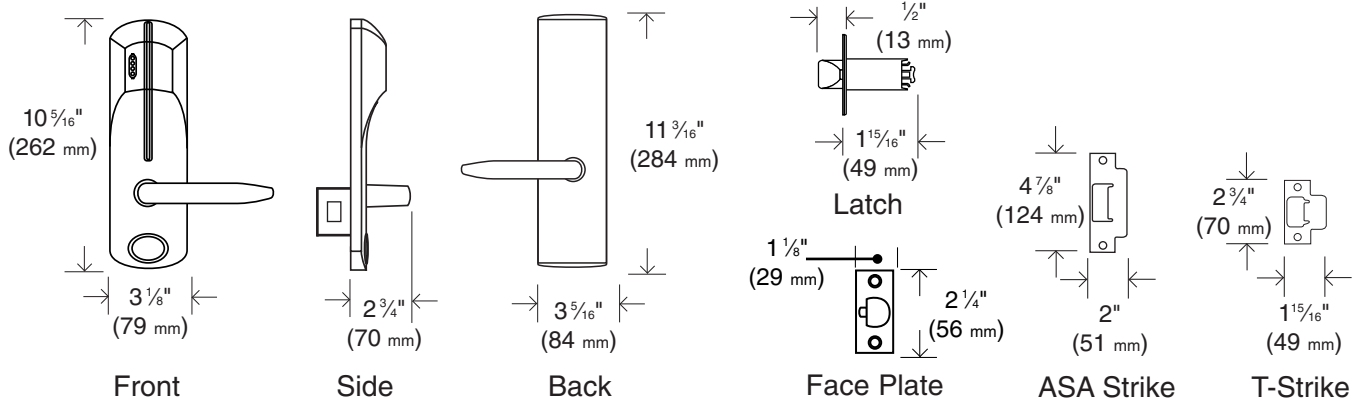
The Solitaire 970 quickly replaces any traditional key operated door lock to provide access using magnetic stripe ID cards. To unlock the door from the exterior, users swipe their keycard through the lock. Upon entering the room, the lock relocks 6 seconds after opening, or as soon as the user engages the deadbolt. When the inside lever is rotated to exit the room, the lock goes into passage mode. This permits re-entry indefinitely without the use of a keycard – preventing lockouts. To relock the door, the user must swipe their keycard through the lock on the outside of the door.

Features

- Meets NBC code, section 9-9-69 – will not relock upon exiting until card is swiped on outside of the door
- Ideal for any company or institution that already has an ID badge system using ABA (credit card) standard
- Utilizes users' existing ID cards with a magnetic stripe
- System supports up to 1 million users and 100,000 doors – up to 1000 users per lock
- Import your current user database – enabling set up in a short amount of time
- Keeps an audit record in memory each time access is granted
- Battery powered, with no wiring required
- Automatically locks or unlocks on a schedule
- Heavy-duty construction and extra-durable finish
- ANSI Grade 1 certification

Solitaire® 950 Series

Cylindrical Lock



Example

9 5 2 5 0 2 1 D L 0 2 - 6 2 6

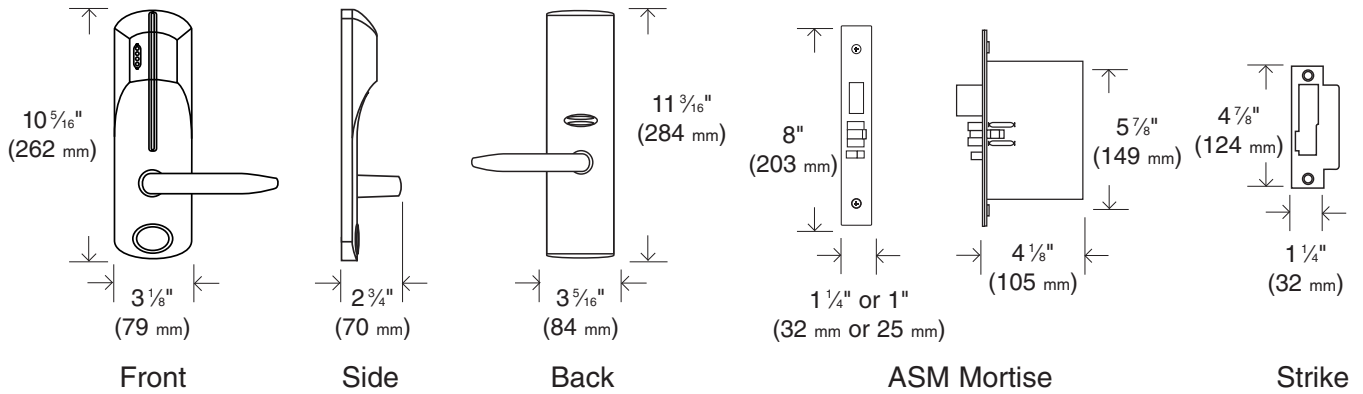
9 5 Model 5 0 Locking Device 2 Track 1 Lever D Key Override L Handing 0 Ver. Door Thickness - 6 2 6 Finish

Build the model number with the desired options

Model	Locking Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
952 Standard Lock No deadbolt, passage activated with the thumbturn 951 Storeroom Lock No deadbolt, no thumbturn	50 Cylindrical Unit Latch $\frac{1}{2}''$ (13 mm) Backset $2 \frac{3}{4}''$ (70 mm)	1 Long / Long <i>Front</i> <i>Back</i>	D Ilco core included cylinder/keyed different U Ilco core included cylinder/keyed alike B Best 6/7-pin cylinder adapter M Medeco 6-pin cylinder adapter K Kaba (1539) adapter, for conventional cylinder	L Left Hand or Left Hand Reverse R Right Hand or Right Hand Reverse	0	1 $1 \frac{1}{8}''$ (35 mm) 2 $1 \frac{1}{4}''$ (47 mm) 3 $2''$ (53 mm) 4 $2 \frac{1}{4}''$ (60 mm) 5 $2 \frac{1}{2}''$ (66 mm) V *Variables <i>* Variables to be used only when cylindrical unit is not centered in the door or door thickness is greater than $2 \frac{1}{2}''$ (66 mm).</i>	Standard 626 Satin Chrome <i>Only finish recommended for outdoor use.</i>	
							Optional 605 Bright Brass 625 Bright Chrome 612 Satin Bronze 622 Black painted 606 Satin Brass	

Solitaire® 950 Series

Standard Mortise (ASM) Lock





Example

9 5 0 1 0 2 1 D L 0 2 - 6 2 6

9 Model Locking Device 2 Track 1 Lever D Key Override L Handing 0 Ver. 2 Door Thickness - 6 2 6 Finish

Build the model number with the desired options

Model	Locking Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
950 Deadbolt Lock Deadbolt operated by the thumbturn	10 ASM with 1/4" (32 mm) faceplate	Standard: 2	1 Long / Long <i>Front</i>  <i>Back</i> 	D Iloco core included cylinder/keyed different	L Left	0	1 1 1/8" - 1 1/2" (35 - 40 mm)	Standard
970 Entrance Lock Inside lever automatically activates passage mode. Deadbolt projected by the thumbturn	11 ASM with 1" (25 mm) faceplate		U Iloco core included cylinder/keyed alike	R Right	2 1 1/8" - 1 3/4" (41 - 47 mm)		Optional	
952 No deadbolt, passage activated with the thumbturn	12 ASM with 1/4" (32 mm) faceplate		B Best 6/7-pin cylinder adapter	X Left Hand Reverse	3 1 1/8" - 2" (48 - 53 mm)		605 Bright Brass	
951 No deadbolt, no thumbturn	13 ASM with 1" (25 mm) faceplate		M Medeco 6-pin cylinder adapter	Y Right Hand Reverse	4 2 1/8" - 2 1/4" (54 - 60 mm)		625 Bright Chrome	
			K Kaba (1539) adapter, for conventional cylinder		5 2 3/8" - 2 1/2" (61 - 66 mm)	612 Satin Bronze		
					V *Variables	622 Black painted		
						606 Satin Brass		

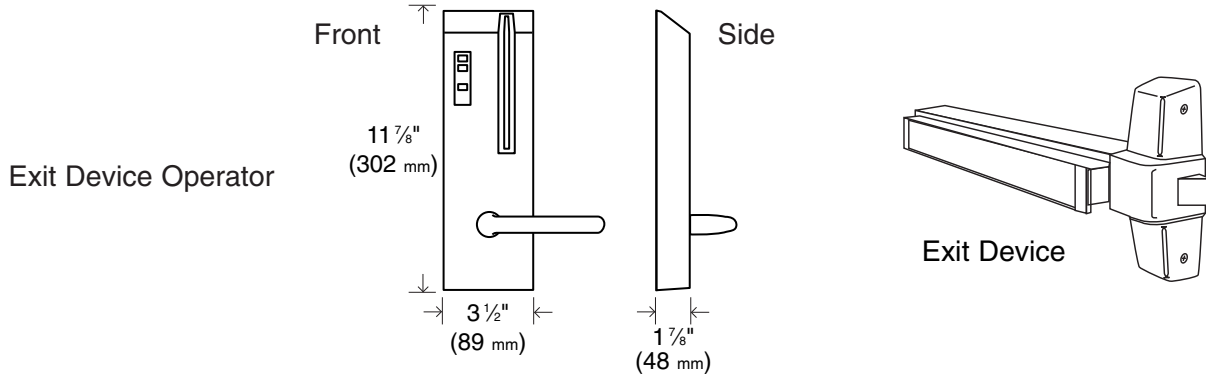
* Variables to be used only when cylindrical unit is not centered in the door or door thickness is greater than 2 1/2" (66 mm).

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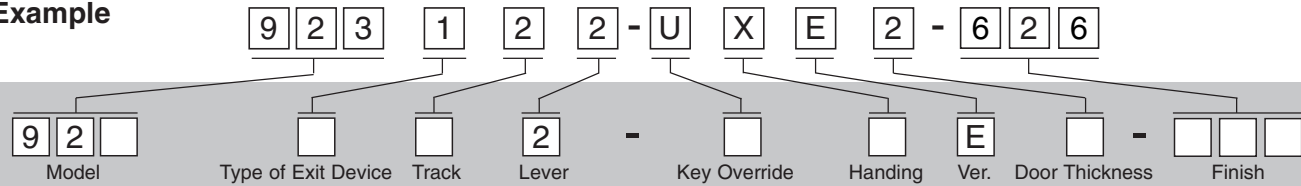
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Solitaire® 950 Series



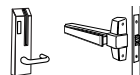


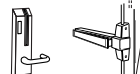
Exit Device Operator



Example



Build the model number with the desired options

Model	Type of Exit Device	Track	Lever Type	Key Override	Handing	Version	Door Thickness	Finishes
921 Arrow Kit Outdoor swipe front lock housing. Includes exit device.	1 Arrow S3808 	Standard: 2 Optional: 1 or 3	2 Long 	U Ilco cylinder (included) B Best 6-pin cylinder adapter M Medeco 6-pin cylinder adapter	X Left Hand Reverse Y Right Hand Reverse	E	1 1 3/8" - 1 1/2" (35 - 40 mm) 2 1 5/8" - 1 3/4" (41 - 47 mm) 3 1 7/8" - 2" (48 - 53 mm) 4 2 1/8" - 2 1/4" (54 - 60 mm) 5 2 3/8" - 2 1/2" (61 - 66 mm) V *Variables * Variables to be used when door thickness is greater than 2 1/2" (66 mm).	626 Satin Chrome <i>Only finish recommended for outdoor use.</i> 606 Satin Brass
922 Mortise Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9875/9975EO-F 1 Arrow S3908/S1908 							
923 Rim Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 98/99 EO-F 1 Arrow S3808/S1808* 2 Yale 7100-36 3 Corbin Russwin ED 8200 4 Precision 1103, FL1103 							
924 Vertical Rod Surface Mount Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9827/9927EO-F 1 Arrow S3708/S1708 							
925 Vertical Rod Concealed Operators Outdoor swipe front lock housing. Exit device not included.	0 Von Duprin 9847/9947EO-F  <small>Rods are inside the door.</small>							

Exit Device Operator

- Operates like the Solitaire 950 lock
- Allows exit doors equipped with panic devices to double as controlled entrances

* This model requires an adapter not supplied by Kaba. It must be sourced from Arrow.

Solitaire® 850L / 850 / 950 Series

Card Reader & Controller (CRC)

Specifications

Overview

This card reader and controller is the ideal device to control access to main entrance doors, elevator doors and garage doors with a magnetic card. This device will read keycards from the different Solitaire Series (850L, 850 and 950), and will activate door-locking devices such as electro-magnetic locks or electric strikes.

Specifications

Card Reader Features

- Strong and resistant
- Fully weatherproof and weatherproof card reader
- Red/Green LED indicates door status: access granted or denied
- Slim reader shape fits on 2" (51 mm) door frame, ideal for narrow stile doors

Controller Features

- Tamper protected panel
- Remote programming and auditing, up to 50 feet (15 m) from the reader
- Programmable access time delay from 1 second to 2 minutes
- Dual reader version can accommodate ingress and egress on a single door, or ingress on two doors
- Selectable 115/220VAC, 60/50Hz AC power input
- Rechargeable battery backup for up to 4 hours of operation with magnetic lock and 8 hours with electric strike
- Panel LED indicates which power source in use (AC or battery)
- Emergency door unlock upon AC failure (with magnetic lock)
- Interface to Fire Alarm panel to automatically unlock doors on fire alarm conditions

Specific Features

- Number of audits and number of users per lock varies depending on the application the controller is running

Solitaire 850L

- Total users: 700
- Total audits: 500

Solitaire 850

- Total users: 1500
- Total audits: 1000

Solitaire 950

- Total users: 1000
- Total audits: 800

Certification and Approvals

- Meets Federal Communication Commission (FCC) and CE regulation
- Certified to ETL 294 (equivalent of UL294)
- Certified to Canadian Standard Association (CSA) C22.2 950

Controller Box:

- 14" H x 12" W x 4" D
(356 mm H x 305 mm W x 102 mm D)
- 15 lbs. (6.8 kg)

Remote Programming Interface:

- 4³/₁₆" H x 4³/₁₆" W x 2¹/₁₆" D
(106 mm H x 106 mm W x 52 mm D)
- 1¹/₄ lbs. (0.6 kg)

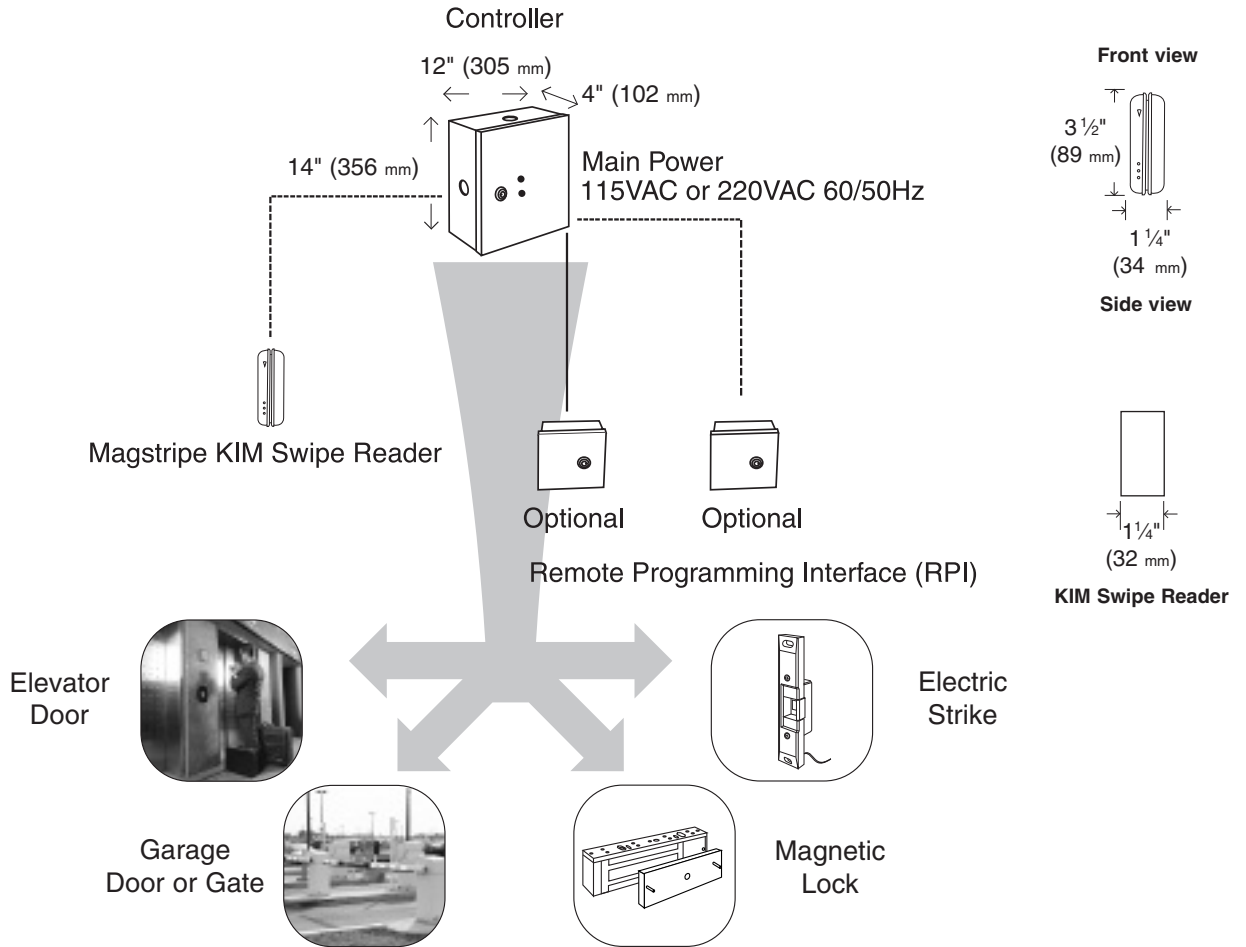
Dimensions and Weight

KIM Swipe Reader:

- 3¹/₂" L x 1¹/₄" W x 1¹/₄" D
(89 mm L x 32 mm W x 32 mm D)
- ³/₈ lbs. (0.17 kg)

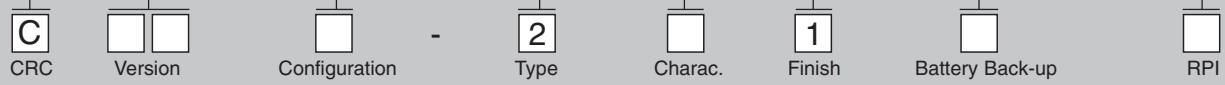
Solitaire® 850L / 850 / 950 Series Card Reader & Controller (CRC)

Solitaire®



Example

C 8 L S - 2 2 1 B S



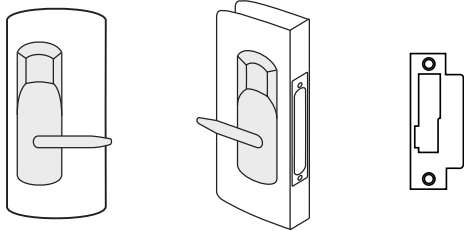
Build the model number with the desired options

CRC	Version	Configuration	Reader Devices			Battery Back-up	RPI	
			Type	Characteristic	Finish			
C	8L Solitaire 850L	S Single card reader	2 Magstripe KIM swipe reader	2 Track 2	1 Black (622)	N None	N None	
	85 Solitaire 850	D Dual card readers		3 Track 3 option for 850 only			B Yes	S One RPI
	95 Solitaire 950							D Two RPI

Access Control Catalog - June 2004

Solitaire® 850L / 850 / 950 Series

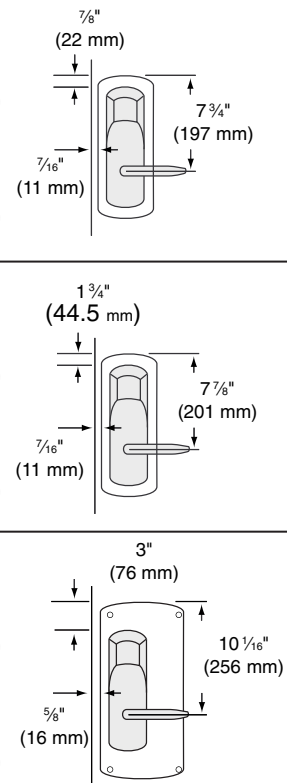
Plates



Specifications

Solid brass or stainless steel mounting screws and washers included.
All plates are 1/32" (0.8 mm) thick.

Plate Number/Handing	Location	Length	Width	Finish
Short				
Mortise*				
061-508283-606	Interior	12 1/16" (306 mm)	4 5/8" (117 mm)	Satin Brass (606)
061-508283-630	Int./Ext.	12 1/16" (306 mm)	4 5/8" (117 mm)	Stainless Steel (630)
Cylindrical*				
061-508666-606	Interior	12 1/16" (306 mm)	4 5/8" (117 mm)	Satin Brass (606)
061-508666-630	Int./Ext.	12 1/16" (306 mm)	4 5/8" (117 mm)	Stainless Steel (630)
<i>*This dress plate can only be used with the lock front housing.</i>				
Standard				
Mortise				
061-507777-606	Interior	14 3/32" (358 mm)	4 5/8" (117 mm)	Satin Brass (606)
061-507777-630	Int./Ext.	14 3/32" (358 mm)	4 5/8" (117 mm)	Stainless Steel (630)
Cylindrical				
061-508148-606	Interior	14 3/32" (358 mm)	4 5/8" (117 mm)	Satin Brass (606)
061-508148-630	Int./Ext.	14 3/32" (358 mm)	4 5/8" (117 mm)	Stainless Steel (630)
Long				
Mortise				
062-507776-606	Interior	16 5/16" (414 mm)	4 5/8" (117 mm)	Satin Brass (606)
062-507776-630	Int./Ext.	16 5/16" (414 mm)	4 5/8" (117 mm)	Stainless Steel (630)
Cylindrical				
062-508149-606	Interior	16 5/16" (414 mm)	4 5/8" (117 mm)	Satin Brass (606)
062-508149-630	Int./Ext.	16 5/16" (414 mm)	4 5/8" (117 mm)	Stainless Steel (630)



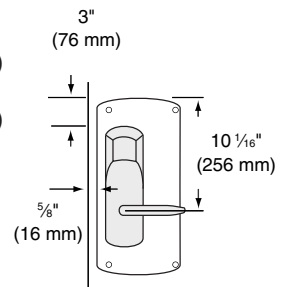
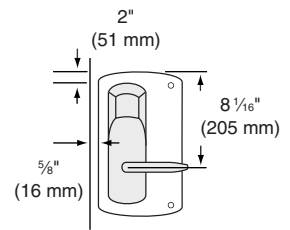
Solitaire®

Access Control Catalog - June 2004

Solitaire® 850L/850/950 Series Plates

Solid Brass or Stainless Steel mounting screws and washers included.
All plates are 1/32" (0.8 mm) thick.

Plate Number/Handing	Location	Length	Width	Finish
Wide				
Mortise				
062-507778-L606 Left Hand	Interior	14 5/16" (363 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-507778-R606 Right Hand	Interior	14 5/16" (363 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-507778-L630 Left Hand	Int./Ext.	14 5/16" (363 mm)	6 7/8" (175 mm)	Stainless Steel (630)
062-507778-R630 Right Hand	Int./Ext.	14 5/16" (363 mm)	6 7/8" (175 mm)	Stainless Steel (630)
Cylindrical				
062-508150-L606 Left Hand	Interior	14 5/16" (363 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-508150-R606 Right Hand	Interior	14 5/16" (363 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-508150-L630 Left Hand	Int./Ext.	14 5/16" (363 mm)	6 7/8" (175 mm)	Stainless Steel (630)
062-508150-R630 Right Hand	Int./Ext.	14 5/16" (363 mm)	6 7/8" (175 mm)	Stainless Steel (630)
Long & Wide				
Mortise				
062-507826-L606 Left Hand	Interior	16 5/16" (414 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-507826-R606 Right Hand	Interior	16 5/16" (414 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-507826-L630 Left Hand	Int./Ext.	16 5/16" (414 mm)	6 7/8" (175 mm)	Stainless Steel (630)
062-507826-R630 Right Hand	Int./Ext.	16 5/16" (414 mm)	6 7/8" (175 mm)	Stainless Steel (630)
Cylindrical				
062-508151-L606 Left Hand	Interior	16 5/16" (414 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-508151-R606 Right Hand	Interior	16 5/16" (414 mm)	6 7/8" (175 mm)	Satin Brass (606)
062-508151-L630 Left Hand	Int./Ext.	16 5/16" (414 mm)	6 7/8" (175 mm)	Stainless Steel (630)
062-508151-R630 Right Hand	Int./Ext.	16 5/16" (414 mm)	6 7/8" (175 mm)	Stainless Steel (630)

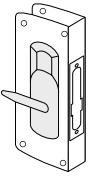
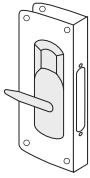


Solitaire® 850L / 850 / 950 Series

Plates

Wrap Plates

Solid Brass or Stainless Steel
 Mounting screws and washers included
 Non-handed

Plate Number/Handing	Location	Length	Width	Finish		
Wrap 1 3/4" (44 mm)						
Standard (ASM) Mortise Only						
062-507801-606	Interior	15 1/16" (399 mm)	7" (178 mm)	Satin Brass (606)		
062-507801-630	Int./Ext.	15 1/16" (399 mm)	7" (178 mm)	Stainless Steel (630)		
Cylindrical						
062-508152-606	Interior	15 1/16" (399 mm)	7" (178 mm)	Satin Brass (606)		
062-508152-630	Int./Ext.	15 1/16" (399 mm)	7" (178 mm)	Stainless Steel (630)		
Wrap 1 3/8" (35 mm)						
Standard (ASM) Mortise Only						
062-507803-606	Interior	15 1/16" (399 mm)	7" (178 mm)	Satin Brass (606)		
062-507803-630	Int./Ext.	15 1/16" (399 mm)	7" (178 mm)	Stainless Steel (630)		
Cylindrical						
062-508153-606	Interior	15 1/16" (399 mm)	7" (178 mm)	Satin Brass (606)		
062-508153-630	Int./Ext.	15 1/16" (399 mm)	7" (178 mm)	Stainless Steel (630)		







Solitaire®

Solitaire® 850L / 850 / 950, 4000 Series

Strike

Standard Mortise (ASM) Strike

Solid brass.
 Finishes to match locks.
 All strikes include dust boxes and mounting screws.
 For strikes only, omit the "K" from the product number.

Strike Number	Handing	Finish	
*Standard 4 7/8" (124 mm)			
504131-606-K	Left Hand	Satin Brass	
504132-606-K	Right Hand	Satin Brass	
504131-630-K	Left Hand	Satin Chrome	
504132-630-K	Right Hand	Satin Chrome	
<i>*Proper strike included with the lock at no charge, unless otherwise specified. Non-creditable unless purchased separately.</i>			
Extended lip 4 7/8" (124 mm)			
502815-606-K	Left Hand	Satin Brass	
502816-606-K	Right Hand	Satin Brass	
502815-630-K	Left Hand	Satin Chrome	
502816-630-K	Right Hand	Satin Chrome	
Long 6 3/4" (171 mm)			
502780-606-K	Left Hand	Satin Brass	
502781-606-K	Right Hand	Satin Brass	
502780-630-K	Left Hand	Satin Chrome	
502781-630-K	Right Hand	Satin Chrome	
Extra Long 8 1/2" (216 mm)			
506102-606-K	Left Hand	Satin Brass	
506103-606-K	Right Hand	Satin Brass	
506102-630-K	Left Hand	Satin Chrome	
506103-630-K	Right Hand	Satin Chrome	
AMM 12" (305 mm) Dust box not included			
041-507861-606K	N/A	Satin Brass	
041-507861-630K	N/A	Stainless Steel	
Smoke Seal 4 7/8" (124 mm) Dust Box not included			
041-508275-606K	Left Hand	Satin Brass	
041-508276-606K	Right Hand	Satin Brass	
041-508275-630K	Left Hand	Stainless Steel	
041-508276-630K	Right Hand	Stainless Steel	



Solitaire®

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Solitaire® 850L / 850 / 950, 4000 Series

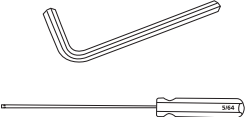
Strike

Cylindrical Unit Strike

Strike Number	Finish	
*Strike 2¾" (70 mm) Dust box not included		
505250-606-K	Satin Brass	
505250-626-K	Satin Chrome	
*Strike 4⅞" (124 mm) Dust box not included		
204119-606-K	Satin Brass	
204119-626-K	Satin Chrome	

* Proper strike included with the lock at no charge, unless otherwise specified. Non-creditable unless purchased separately.

Accessories

Part Number	Description	
Allen Keys		
138-507933	Allen Key ⅛" (3 mm) for inside housing lever screw	
138-507930	Allen Key ⅝" for battery cover and medallion screw	
138-507957	Hex Driver (Allen) ⅝"	
Weatherproof Kits		
062-509009	Solitaire 850L, 850 and 950 Aerosol grease, outside gasket, inside gasket, reader cable gasket	

Solitaire® Series

Accessories (Strikes & Demo Units)

Wood Mount for Lock

All wooden mounts are pre-cut and require some assembly. They are available in one finish.

Item	Description	#
Solitaire 850L / 850 / 950 ASM 1 1/4"		050-509720-01LN
Solitaire 850L / 850 / 950 ESM 20mm		050-509720-02LN
Solitaire 850L / 850 / 950 Cylindrical		050-509720-03LN

Mounted Demo

Demo units are mounted on wooden T-stands and include one removable core with control key and change key.

Item	Description	#
Solitaire 850L Mortise With deadbolt, Ilco core, Right Hand		8541021URL2-626 OR 606
Solitaire 850 Mortise With deadbolt, Ilco core, Right Hand		8541021UR02-626 OR 606
Solitaire 850 Mortise Without deadbolt, Ilco core, Right Hand		8541221UR02-626 OR 606
Solitaire 850 Cylindrical Ilco Core, Right Hand		8545121UR02-626 OR 606
Solitaire 950 Mortise With deadbolt, Ilco core, Right Hand		9541021UR02-626 OR 606
Solitaire 950 Mortise Without deadbolt, Ilco core, Right Hand		9541221UR02-626 OR 606
Solitaire 950 Cylindrical Ilco Core, Right Hand		9545121UR02-626 OR 606

Vendor Demonstration Kits

Item	Description	#
Solitaire 850L Vendor Demo Kit Includes: Mounted lock, cards, carrying case		148-509337-626 OR 606
Solitaire 850 Vendor Demo Kit Includes: Mounted lock, cards, carrying case		148-508655-626 OR 606

Solitaire® Series

Keycards

Keycards and Fobs

Item	Description	#
Solitaire 850L Series		
Starter Pack		
	Includes: 7 function cards, 10 user cards, 10 cancel cards, user logbook, information cards and filing system, Quick Reference Guide	English - SP850L-2EM French - SP850L-2FM Spanish - SP850L-2SM Portuguese - SP850L-2PM Italian - SP850L-2IM
User Pack		
	Includes: 25 user cards and 25 cancel cards	UP850L-2
Cancel Pack		
	Includes: 50 cancel cards	CP850L-2
Solitaire 850 Series		
	Solitaire 850 Generic Hi-C Keycard	HIC-F0850-BLAN
Solitaire 950 Series		
	Solitaire 950 Generic Low-C Keycard (Also works with System 900)	LOC-F0900-B018
Accessories		
	Retractable Card Holder Packs of 10 units in multiple colors	P203
Blank PVC Cards		
	No magnetic stripe, white, gloss finish, minimum order 1,000 cards	1600-10-2810
	Low-C magnetic stripe, white, gloss finish, minimum order 1,000 cards	1600-10-2910
	Hi-C magnetic stripe, white, gloss finish, minimum order 1,000 cards	1600-10-3010





PowerLever®

PowerLever®
Self-powered Electronic Access Control
Access Through PIN Codes and Proximity Cards



Control and Monitor - without wiring or batteries

Unique user PIN codes + audit capability + optional dual credential access = stronger security.

The PowerLever by Kaba[®] combines the convenience of pushbutton security with PIN code access, optional proximity card technology, and audit trail capabilities. The result is a reliable, maintenance free solution for your access control needs – all without the hassle of battery maintenance. Battery free operation is especially valuable on PowerLever PROX models, because proximity locks constantly search for signals from proximity tokens, thus consuming more energy during normal operation than typical pushbutton locks.

PowerLever is available in a variety of models to provide flexible solutions for your security needs.



PowerLever® and exit device hardware —a perfect marriage.

With more and more facilities requiring exit devices on all exterior doors, the PowerLever provides a great answer to combining efficient access control with reliable exit device hardware. PowerLever locks are available to mate with the leading brands of exit device hardware, ensuring a safe, secure environment.



Model 1550



Model 4550/4560



Model 455x/456x



Model 9550

PowerLever®

Application	Model 1550	Model 4550/4560	Model 455x/456x	Model 9550
Standard Commercial Door	X	X	X	X
Main Entrance Door	X	X	X	X
Exit Door			X	X
Finishes				
Satin Chrome with Chrome Lever	X	X	X	X
Black Powder coat with Chrome Lever	X	X	X	X
Features				
Audit Trail		23,000	23,000	30,000
Number of Users	20	3,000	3,000	3,000
Programmable Schedule		7	7	17
Holidays		18	18	32
Mechanical Key Override	X	X	X	X
Technology				
User ID - PIN Code	X	X	X	X
SmartKey		X	X	
SmartKey & PIN Code		X	X	
Proximity Card				X
Proximity Card & PIN Code				X
Software				
Management System		X	X	X
Audit Software	3	X	X	X
PDA handheld device Interface		X	X	X

Visible and audible indicators

Telephone-style keypad

Indoor / Outdoor
performance

Proximity card reader
(9000 Series)

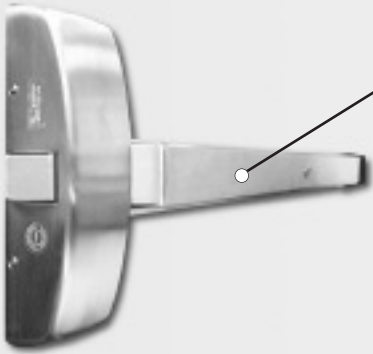
Key-in-lever cylinder
and small format
interchangeable cores



Power generated when
handle is turned to operate
the lock - no batteries required

 ADA Compliant

PDA handheld
device interface
connection



Exit Device

Exit device model mates to leading brands of exit device hardware (exit device not included)

Black Powder coat
or Satin Chrome finish



Clutch mechanism



Control and Monitor - without wiring or batteries

A lock for the 21st century.

The PowerLever is a lock built for modern facilities and institutions. By communicating via PDA handheld device Interface, facility managers are able to quickly and easily upload or download information between the lock and a personal computer.

With the software application, managers can also create user tables to record information about specific users and activities. Audit trail information can also be transferred between a lock and a PC using a handheld PDA.



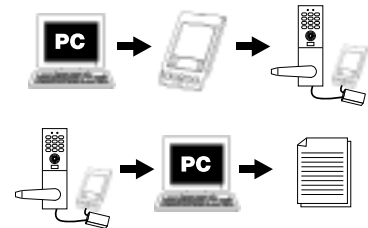
The PDA handheld device / PC / Lock interface

The Palm Interface

PowerLever 4500 and 9500 Series come with the ability for handheld PDA communications to upload and download data to and from the lock and a PC. Using the handheld PDA (not included), software and the PDA Communication module.

The PDA handheld device may be connected to a PC with the PowerLever Door Lock system software or to PowerLever 4500 and 9500 Series Door Locks. A lock user table can be created at the PC, uploaded to the PDA handheld device and downloaded at the lock from the PDA handheld device.

The PDA handheld device can be used at the lock to retrieve lock data such as audit records and user table information. This data can be transferred to the PC from the PDA handheld device for viewing and/or printing.



Electronic lock, without the electronics.

You don't need batteries to operate the PowerLever® lock. In fact, you don't need anything. The lock does the work itself.

PowerStar™ technology allows the PowerLever to operate using self-generated power. Users simply turn the lever to generate power, enter their code (and present their proximity card for Model 9550), and then turn the lever to open the door. The PowerStar technology inside the lock generates enough power to operate the lock. The flexibility and self-powered features make the PowerLever one of the most unique locks manufactured today.

A product that works for facility managers everywhere.

The PowerLever lock is a manager-friendly product.

- No batteries means very little maintenance.
- Point-and-click software is easy to navigate, making audit trail and schedule management a breeze.
- PIN codes can be quickly and easily changed.
- Installation is simple — no exterior wiring.
- Cylindrical lock is non-handed and accommodates left and right handed applications — exit device trim is field reversible.
- Managerial Lockout — a user or group of users may be locked out at the discretion of the lock manager.



PowerLever® Series

System Overview



9550 Series

Security for High-traffic areas

Typical Applications

K-12

- Staff Entry
- Exit Door
- Library
- Computer Lab
- Food service/Storage
- Gymnasium
- Auditorium
- Office

Government

- R & D area
- Laboratory
- Pharmacy
- Entry Door
- Exit Door

System Benefits

- True stand-alone operation without batteries or wiring
- Exit device model mates to leading brands of exit device hardware
- No keys or cards to manage, no rekeying costs
- Simple to install
- For any size of facility
- Low maintenance
- Tamper resistant construction
- Locks are truly non-handed and easily field reversible
- Audible and visible feedback
- ADA compliant handles
- Grade 1 certified as a heavy-duty cylindrical lock
- Weatherproof kit available

Security Features

- Multi-user support with up to 8-digit PIN
- Audit trail, accessed quickly and easily
- Managerial lockout
- Wrong try lockout
- Emergency access by key override

System Management – PowerLever 4500 Series

- Easy to program using the lock keypad, PDA handheld device, or a SmartKey™ and software
- Easy to use software for Windows®
 - Manage users, locks and access schedules
 - View audit events and generate customized reports
- 3,000 users
- 23,000 Event Audit Trail

System Management – PowerLever 9500 Series

- Program with easy to use software and communicate using a PDA handheld device
- Easy to use software for Windows® allows simple navigation of user management and access scheduling procedures
 - Up to 16 user defined access schedules and 32 programmable holiday and vacation blocks
 - View audit events and generate customized reports
- 3,000 users
- 30,000 Event Audit Trail

Can be integrated into an existing master key system

- Accepts major brands of removable cores and key in lever cylinders

PowerLever® Series

Kits – 4500 Series

455x

Description	#
Implementation Kit - PowerLever Software - Key reader - (1) black logon key - (2) red SA Keys for data transfer	401109
Replacement Software CD - PowerLever Software - (1) black logon key	401110
Bundle Package - Part Number 401109 - Part Number 401111	401112
Communication Module Kit (455x & 456x) - Communication module - LockCom software - PDA interface cable	401111
Orange SmartKey – user access key (455x & 456x)	202021

456x

Description	#
Active PIN Implementation Kit - PowerLever Software - Key reader - (1) black logon key - (2) red SA Keys for data transfer	401108
Active PIN Replacement Software CD - PowerLever Software - (1) black logon key	402060
Active PIN Bundle Package - Part Number 401108 - Part Number 401111	401115
Communication Module Kit (455x & 456x) - Communication module - LockCom software - PDA interface cable	401111
Orange SmartKey – user access key (455x & 456x)	202021

PowerLever® Series

Kits – 9500 Series

955x

Description	#
PL PROX Implementation Kit <ul style="list-style-type: none">- PowerLever PROX Software- Communication module- PDA interface cable	401113
PL PROX Replacement Software (955x)	401114
USB Proximity Reader/Enroller (955x)	54561000
HID ProxCard II Proximity Access Card #1326M	065-101066
HID ISOPROX II Card (PVC-31 mils) #1385	065-507143
HID DuoPROX (PVC-31 mils) High-C/Proximity #1335	065-507144
HID PROX Key II (1345)	120-508051
Retractable Card Holder (10 units/pack)	P203

PowerLever® Series

Lock Specifications

Mechanical Features

Description:	Heavy duty self-powered electronic cylindrical lockset with clutch mechanism; built-in numeric keypad
Handing:	True non-handed suitable for RH, LH, RHR, LHR (Door lock only), field reversible (Exit Device only)
Lever type:	ADA compliant, outside lever free to rotate in locked mode
Mechanical key override:	Conventional cylinders with 2 keys or prepared for small format interchangeable core (not included)
Compatible interchangeable cores:	Arrow, Best, Falcon, KSP or Keymark (core not supplied)
Door preparation:	ASA 161 with minor modifications
Numeric keypad:	Epoxy Coated Metal buttons
Weatherproofing for exterior applications:	Requires Pro-Gasket kit (Part number 404073); Pro-Guard weather shield required in freezing rain environment
Dimensions:	Door thickness from 1 3/8" to 2" (35 mm to 51 mm) adjustable without any tools
Housing & lever construction:	Solid cast zinc; concealed mounting and assembly screws
Standard finishes:	Satin Chrome, Black powder coat with Chrome lever

Electrical Features	1550 Series	4500 Series	9500 Series
Batteries:	None	None	None
Internal clock:	N/A	Real Time	Real Time
Communication & programming:	Pushbuttons	Pushbuttons, SmartKey™, PDA handheld device, and software	PDA handheld device and software
Reset switch:	Recoverable Master code	Recoverable Master code	Recoverable Master code
Lock Operation	1550 Series	4500 Series	9500 Series
Access Type:	Variable PIN & variable ID	Variable PIN & variable ID and/or SmartKey	Variable PIN and/or proximity card
Feedback:	Audible & Visual	Audible & Visual	Audible & Visual
Management software:	N/A	Windows® 98SE and newer	Windows® 98SE and newer
Maximum number users:	20	3,000	3,000
Audit trail (with date & time stamp):	N/A	23,000 events	30,000 events
Programmable schedule:	N/A	6 user defined schedules, plus (1) 24-hour access	16 user defined schedules, plus (1) 24-hour access
Holidays:		18	32
User levels:	Master, Manager, Access, and Service	Master, Manager, Access, Service, and M-Unit	Master, Manager Access, Service, and M-Unit
Tamper lockout:	Programmable (Manager and Master) wrong try limit from 3 to 9 attempts, with penalty duration from 0 to 90 seconds		Programmable (Manager and Master) wrong try limit from 4 to 9 attempts, with penalty duration from 0 to 15 minutes
Emergency access:	Mechanical key override		Mechanical key override
Passage mode:	Electronic, set by authorized master or manager		Electronic, set by authorized master or manager

PowerLever® Series

Lock Specifications (continued)

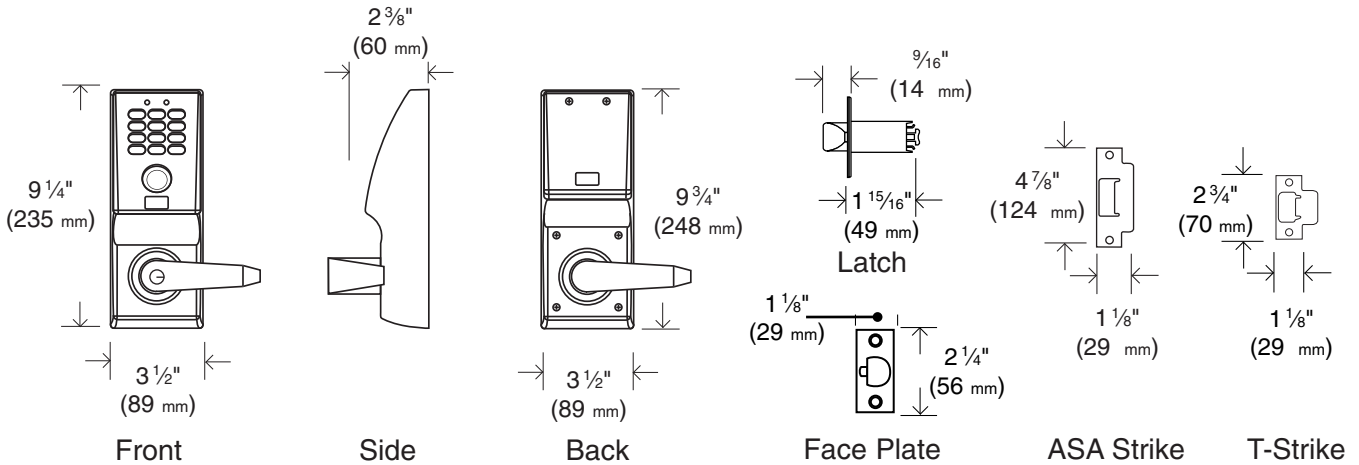
Lock Operation	1550 Series	4500 Series	9500 Series
Door relock time:	Programmable from 2 to 15 seconds (Manager or Master)		Programmable from 2 to 15 seconds (Manager or Master)
Daylight savings time:	Toggle forward or back (Manager or Master)		Toggle forward or back (Manager or Master)

Certification and Testing

Accessibility standards:	ADA compliant lever handle
Fire rating:	3 hours UL/ULC
Environmental operating conditions	Operating temperature: -13°F to 151°F (-25°C to 66°C); Operating humidity: 24 hour exposure at 85% and 86°F (30°C), as defined in UL 2058, sec. 23; withstands rain and dust (1 hour exposure as defined in UL 2058, sec. 36 and 37); withstands salt spray (96-hour exposure as defined in UL 437, sec. 12).
Durability:	Grade 1 certified; BHMA A156.2/156.25 (door locks); BHMA A156.25/156.3 (exit device operators)

PowerLever® Series

Model 1550/Cylindrical Lock



Example

1 5 5 0 S B L / C R A D

1 5 5 0
Model


Cylinder

Finish

Strike

Keying

Build the model number with the desired options

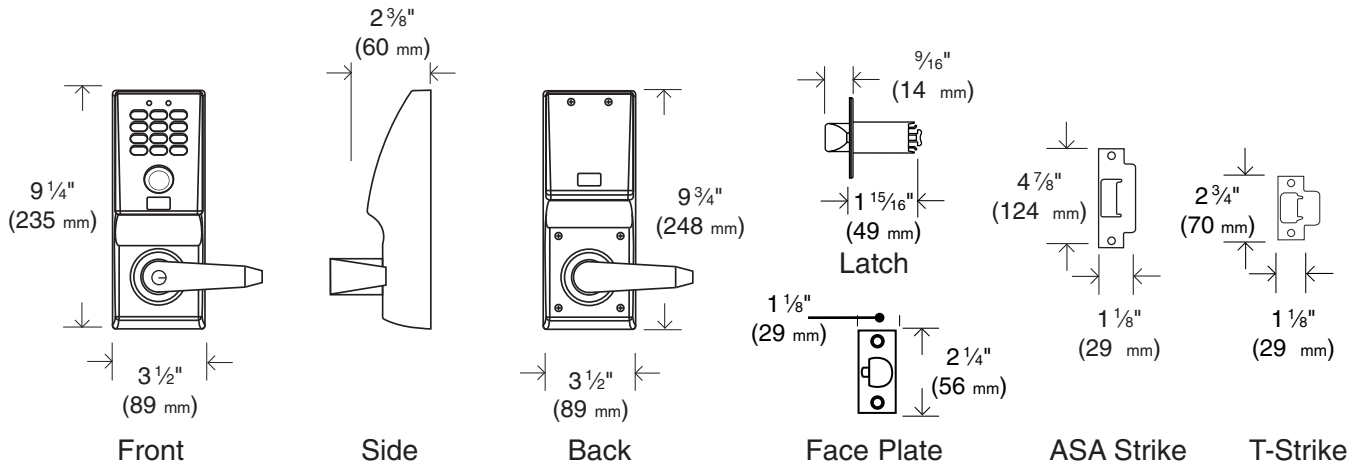
Model	Locking Device	Cylinder	Finish	Strike	Keying
1550	Standard	S	BL/CR	A	D
 <p>1550 Series</p> <ul style="list-style-type: none"> - 20 user codes - No Audit Trail - Keypad programming - 1 to 6 digit codes 	Cylindrical Unit Latch 9/16" (14 mm) with Backset 2 3/4" (70 mm)	Standard conventional cylinder (factory installed). Key in lever cylinder.	BL/CR Black body with chrome lever.	A ASA	D Different
	Optional Cylindrical Unit Latch 3/4" (20 mm) See Accessories Section.	I Prepared for interchangeable core cylinder. Shipped with (2) tailpieces for Arrow, Best, Everest, Falcon, KSP Keymark and Schlage cores. (Core not supplied)	CR/CR Chrome (626) body with chrome lever.	T T-Strike	X N/A

PowerLever®

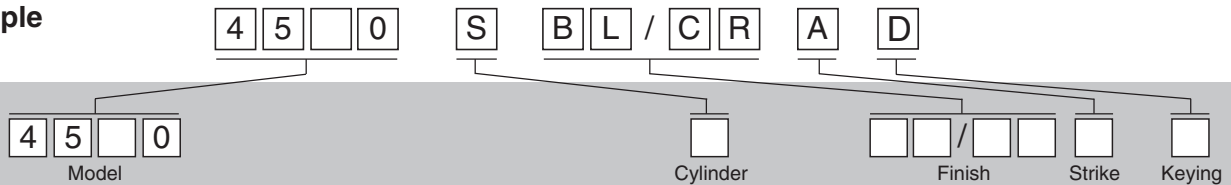
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PowerLevel® Series


Model 4550 / 4560 Cylindrical Lock



Example

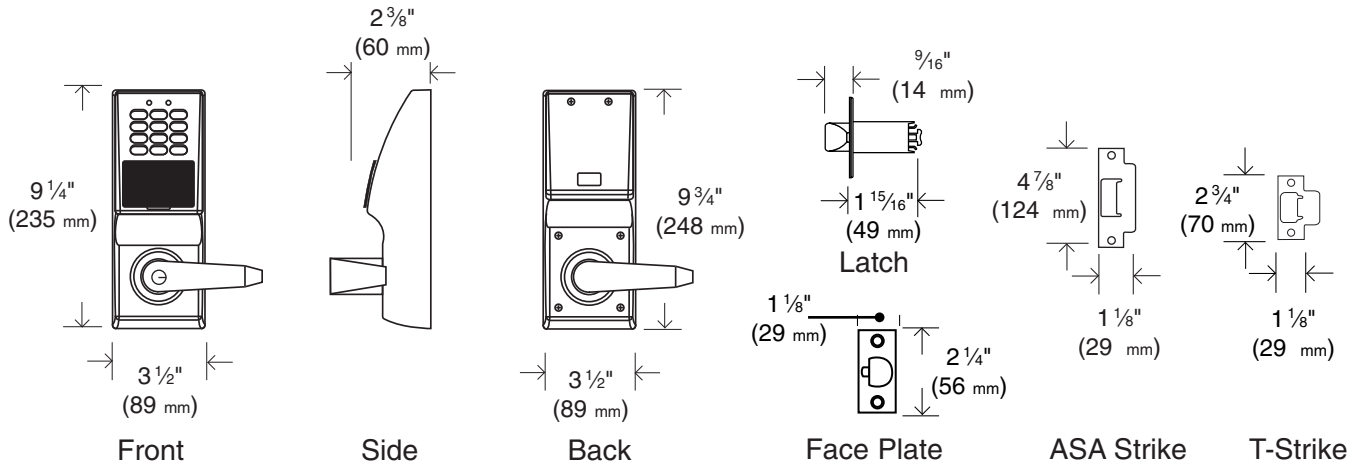


Build the model number with the desired options

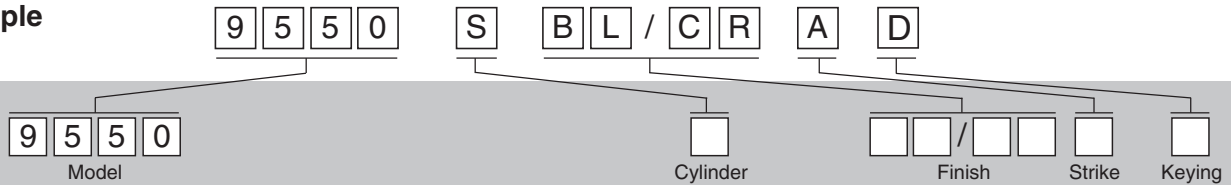
Model	Locking Device	Cylinder	Finish	Strike	Keying
4550 / 4560	Standard	S Standard conventional cylinder (factory installed). Key in lever cylinder.	BL/CR Black body with chrome lever.	A ASA	D Different
 <p>4550 / 4560 Series</p> <p>4550: Standard PIN – PIN chosen by each user</p> <p>4560: Active PIN – PIN assigned via system administrator through software</p> <ul style="list-style-type: none"> - 3000 users - 23,000 Event Audit Trail - SmartKey™, keypad or Palm™ programming - Programmable access schedule - 1 to 8 digit codes 	Cylindrical Unit Latch 9/16" (14 mm) with Backset 2 3/4" (70 mm)	I Prepared for interchangeable core cylinder. Shipped with (2) tailpieces for Arrow, Best, Everest, Falcon, KSP Keymark and Schlage cores. (Core not supplied)	CR/CR Chrome (626) body with chrome lever.	T T-Strike	X N/A
	Optional Cylindrical Unit Latch 3/4" (20 mm)				

PowerLever® PROX Series


Model 9550/Cylindrical Lock



Example

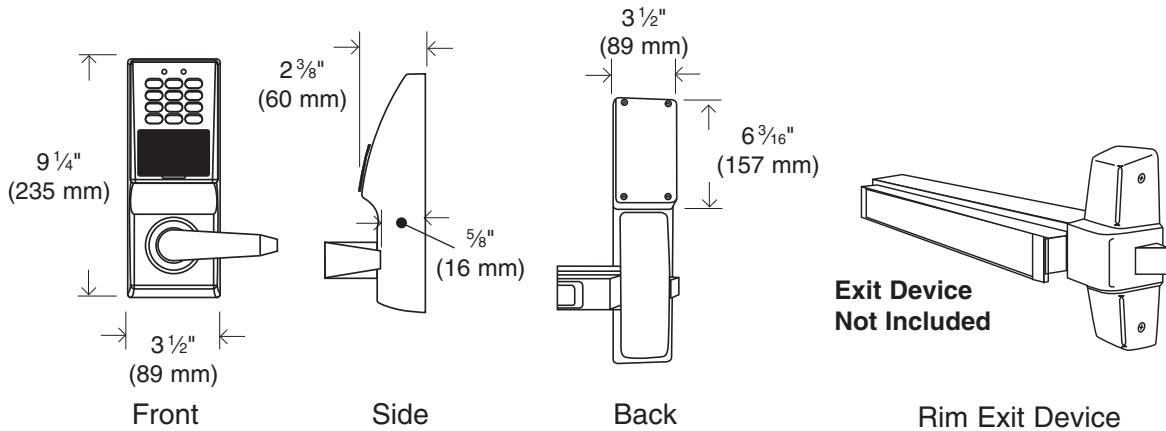


Build the model number with the desired options

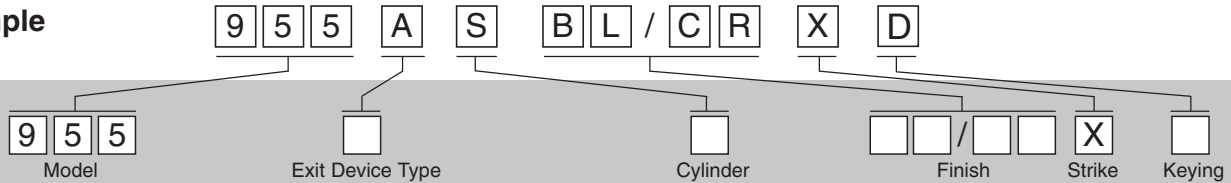
Model	Locking Device	Cylinder	Finish	Strike	Keying
9550	Standard	S Standard conventional cylinder (factory installed). Key in lever cylinder.	BL/CR Black body with chrome lever.	A ASA	D Different
 9550 Series <ul style="list-style-type: none"> - Dual credential: proximity card and PIN - 3000 users - 30,000 Event Audit Trail - PDA handheld device programming - 16 Programmable access schedules - 32 Programmable holiday/vacation blocks - 1 to 8 digit codes 	Cylindrical Unit Latch 9/16" (14 mm) with Backset 2 3/4" (70 mm)	I Prepared for interchangeable core cylinder. Shipped with (2) tailpieces for Arrow, Best, Everest, Falcon, KSP Keymark and Schlage cores. (Core not supplied)	CR/CR Chrome (626) body with chrome lever.	T T-Strike	X N/A
	Optional Cylindrical Unit Latch 3/4" (20 mm) See Accessories Section.				

PowerLever® PROX Series


Model 955x/Exit Device Operator



Example





Build the model number with the desired options

Model	Exit Device Type	Cylinder	Finish	Strike	Keying
955x  955x Series <ul style="list-style-type: none"> - Dual credential: proximity card and PIN - 3000 users - 30,000 Event Audit Trail - PDA handheld device programming - 16 Programmable access schedules - 32 Programmable holiday/vacation blocks - 1 to 8 digit codes 	<p>(Lock will operate rim type exit devices as follows) Exit Device not included.</p> <p>A Von Duprin 98/99 and 98-F / 99-F Manufactured after 1985</p> <p>B Von Duprin 22 / 22-F</p> <p>C Sargent 8888, 12-8888 Arrow S3801; S3803, F-S3801, S-S3803</p> <p>D Dorma 9300, F9300</p> <p>E Precision 1103, FL1103</p> <p>F Monarch 18-R, F-18-R</p>	<p>S Standard conventional cylinder (factory installed). Key in lever cylinder.</p> <p>I Prepared for interchangeable core cylinder. Shipped with (2) tailpieces for Arrow, Best, Everest, Falcon, KSP Keymark and Schlage cores.</p>	<p>BL / CR Black body with chrome lever</p> <p>CR / CR Outside finish Satin Chrome (626) inside finish Black powder coat.</p> <p>BL/CR Black body with chrome lever</p> <p>CR/CR Outside finish Satin Chrome (626) inside finish Black powder coat.</p>	<p>X N/A</p> <p>X N/A</p>	<p>D Different</p> <p>X N/A</p>

Note: Exit device operators are shipped as a Left Hand Reverse. Handing easily field reversible.

PowerLever® Series Accessories

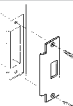
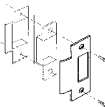

Lock Accessories

Item	Description	#
1 	PowerLever Pro-Gasket Kit To protect against weather, dust and other foreign materials.	404073
2 	PowerLever Pro-Guard Weather Shield To protect keypad from freezing rain. Includes: polycarbonate cover, hinges, screws and gasket.	404143

Replacement Parts

Strikes

ASA Strike standard with all PowerLever locks, T-Strike with box available.


Item	Description	#
3 	ASA 4 7/8" (32D) Brushed Stainless Steel	405294
4 	T-Strike with Box (32D) Brushed Stainless Steel	405108
5 	Strike Box Box for 4 7/8" ASA strike, 1 piece	405239

Installation Screw Kit

Contains mounting screws for PowerLever installation, specify part number by finish as listed below.

Item	Description	#
6	Screw Kit Black (26) Dull Chrome	404054 404055

Cylinder

Item	Description	#
7 	Conventional Cylinder Solid brass 6-PIN, C keyway with two nickel silver keys, keyed different	405360/Chrome 405370/Brass





Strike & Latch Installation Screw Kit

Contains screws for PowerLever strike and latch installation, specify part number by finish as listed below.

Item	Description	#
8	Strike & Latch Installation Screw Kit (32D) Brushed Stainless Steel	404030



PowerLever® Series Accessories

Tailpieces for conventional cylinders

Item	Description	#
 9	Kaba Ilco	405458
	Ilco 705, Kaba 1539, ASSA 65691, Abloy 5477, Arrow 100C Packed 10 per bag.	404078
	Schlage 23-001, Schlage Primus, ASSA 65611, Corbin Russwin Key-in-Lever Packed 10 per bag.	404079
	Cylinder assembly (Part Number 20_200VI) - contains Medeco CT-V01 * Must be ordered through Medeco.	N/A*



Tailpieces for Interchangeable Cores

Kaba locks are designed for use with Arrow™, Best®, Falcon™, KSP™, and Keymark™ small format cores. Tailpieces furnished with lock must be used.


Item	Description	#
 10	Short tailpiece for 1 3/8" to 1 1/2" door thickness. Packed 10 per bag.	404077
	Long tailpiece for door thickness greater than 1 1/2" . Packed 10 per bag.	404080

Latches

2 3/4" backset requires a 1" bore. Conforms to ANSI 156.2, Grade 1, Series 4000 UL/ULC Listed.

Item	Description	#
 11	1/16" Throw Standard shipped with lock. (32D) Brushed Stainless Steel	404024
	3/4" Throw (32D) Brushed Stainless Steel	404026

Wood Mount

Item	Description	#
 12	Wood Mount for Demo Lock Wooden mounts are pre-cut and require some assembly. They are available in one finish.	405383

