

2010 Product Line Catalog



Electronic Access Control Locksets





ELECTRONIC ACCESS CONTROL LOCKSETS

With thousands of units in operation worldwide, IEI locksets are recognized for the highest level of quality and reliability. Combining field proven keypad technology with a Grade 1 lockset that features metal alphanumeric Braille keys, UV conformal coated electronics and a neoprene gasket, the LS Series UL listed Locksets are rugged and provide true indoor/outdoor durability. LS Series Electronic Access Control Locksets provide the value and accountability of access control where traditional locks and keys were used in the past.

The LS Series locksets are available in a variety of lock configurations to accommodate customer applications. Special order finishes are available to meet most architectural requirements. The LS Series are simple to install with only one additional 1 inch hole (model dependent) where existing locks were installed. For added protection the LS Series provide a through-door wire raceway preventing wire chaffing and additional protection from moisture related failures.

There are three different functional variations of LS series locksets to choose from. The LS1 stores up to 120 users and is programmable from the keypad. The LS2 & LS2P models use the Hub Manager Professional Software program to manage people and doors through step-by-step wizard assisted configuration and easy to use management reports and have full functionality of traditional access system.



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Locksets

LS1

Providing the combination of access control protection, and an ANSI Grade-1 lockset, the LS1 series locksets are a perfect choice to manage door access that may otherwise not be available through traditional hardwired access systems. The access decisions are made at the door and access is granted to those that have a valid PIN programmed into the LS1.

FEATURES

- Non-volatile eeprom memory allows in-shop programming
- One non-handed unit for both indoor and outdoor applications
- Wire raceway provides clean installation and protects wires inside door
- Programs the same as all IEI products
- Durable alphanumeric Braille keys
- Selective Lockout of grouped of users
- Passage/Toggle codes allow door to remain unlocked
- Service codes allow one-time entry then are deleted automatically
- Error Lockout for successive invalid attempts
- Two-stage Low Battery Alert assures entry
- Propped Door and Forced Door alerts when used with a normally open magnetic switch
- Request to Exit allows door to be unlocked from a distance

Compliance

ANSI 156.2, Series 4000 Grade 1

Federal Handicap and ANSI A117.1 Accessibility Code

Federal FF-H-106C

California: (Formerly Title 19, State Fire Marshall)

Environmental

Electronics sealed in conformal coating process

Through door wire raceway reduces wire exposure to moisture

Neoprene gasket seals exterior housing

-20F to 120F, up to 98% humidity (non-condensing)

Electrical

Power: 4 AA alkaline batteries

Cycles: Up to 150,000



LS2 & LS2P

The full featured LS2 & LS2P series locksets provide large system features from an at the door solution. The LS2 & LS2P series locksets are a perfect choice to manage door access that may otherwise not be available through traditional hardwired access systems. The LS2 & LS2P series locksets use an ANSI Grade-1 lockset and the powerful management capabilities of the Hub Manager Professional software.

FEATURES

- 2,000 individual users per lockset
- 2,000 transactions stored per lockset
- Wireless lockset programming and audit trail retrieval with PDA running Palm OS version 3.5 or newer
- Managed with Hub Manager Professional Software version 4 or higher
- Unlimited Access Levels including Time Zones and Holidays
- 20,000 users per system
- Unlimited Sites
- Import user names

LS2P:

- Reads HID proximity cards and fobs up to 37-bit
- Users can be Code, Card, Code and Card, Code or Card

Compliance

ANSI 156.2, Series 4000 Grade 1
 Federal Handicap and ANSI A117.1 Accessibility Code
 Federal FF-H-106C
 California: (Formerly Title 19, State Fire Marshall)

Environmental

Electronics sealed in conformal coating process
 Through door wire raceway reduces wire exposure to moisture
 Neoprene gasket seals exterior housing
 -20F to 120F, up to 98% humidity (non-condensing)

Electrical

Power: 4 AA alkaline batteries
 Cycles: Up to 90,000



Data Transfer Device (DTD)

Each lockset can be wirelessly programmed through infrared (IR) signals with the Model DTD Data Transfer Device or via select IR equipped PDAs. User codes, access privileges, lockset programming, and transaction history can be transferred between the lockset and a PC running Hub Manager Professional software, which also provides in-depth management reports of people and door activity.

Lock Type See Order Guide 2 - page 45

Cylindrical

This lockset easily retrofits into an ANSI 151.8 prepared door and requires only one additional 1" hole for installation.

FEATURES

- Lock Body: Grade 1 Cylindrical Lockset w/ clutch mechanism
- Latch: Grade 2, 3 hour fire rating reversible with 1/2" throw, 2³/₄" backset
- Strike Plate - 2 ³/₄" "T" strike
- Door Thickness: 1 ⁵/₈" to 1 ⁷/₈". 1 ³/₈" with optional spacer kit
- Cylinder: Solid Brass Schlage "C" keyway, 6 pin, with (2) nickel silver keys
- Optional Cylinders: I/C Core Prep Lever to accept OEM cylinders (see configuration guide for details)



Mortise

This lockset retrofits most ANSI 115.1 Mortise prepared doors with the additional of (2) through holes. The LS Series Mortise lockset can be easily installed in a door with an existing mortise lock.

FEATURES

- Lock Body: Grade 1 Mortise Lock body
- Latch: Stainless Steel Latchbolt with 3/4" projection 1/2" Throw Deadlocking latch
- Door Thickness - 1 ³/₄" to 2 ¹/₄"
Handing: Field reversible on Crescent and American handles.
- Cylinder: Solid Brass 1 ¹/₈" Schlage "C" keyway, 6 pin mortise cylinder, with (2) nickel silver keys. 1 ¹/₈" and 2" can be used with optional spacers
- Optional Cylinders: see configuration guide for details



Exit

Allows the LS Series locksets to be installed in door applications requiring emergency egress exit bar. Easily installs requiring only (2) additional through holes. Exit bar supplied by others.

FEATURES

- Door Thickness: 1 3/4" to 2 1/4"
- Cylinder: Solid Brass 1 1/8" Schlage "C" keyway, 6 pin mortise cylinder, with (2) nickel silver keys. 1 1/8" and 2" can be used with optional spacers
- Optional Cylinders: see configuration guide for details
- **Requires Exit Device Mounting Kit: see configuration guide for details**
- Also compatible with Rim panic devices, surface horizontal rod devices. Contact factory for installation instructions for these applications



Deadbolt

This lockset retrofits most ANSI 115.1 Mortise with Deadbolt prepared doors with the additional of (2) through holes. The LS Series Deadbolt lockset can be easily installed in a door with an existing mortise and deadbolt lock.

FEATURES

- Lock Body: Grade 1 Mortise Lock body with Deadbolt
- Latch: Stainless Steel Deadbolt with 1" projection, latchbolt with 1" projection and deadlocking latch. Deadbolt may be projected from option 1 3/4" mortise cylinder with cover cam or thumb turn from inside door
- Door Thickness: 1 3/4" to 2 1/4"
- Privacy Setting feature available
- Cylinder: Solid Brass 1 1/8" Schlage "C" keyway, 6 pin mortise cylinder, with (2) nickel silver keys. To project deadbolt from outside door requires a 1 3/4" mortise cylinder. 1 1/8" and 2" can be used with optional spacers and a straight cam
- Optional Cylinders: see configuration guide for details



LS Series Options

See Order Guide 3 - page 45

Finishes:



3 - Polished Brass / US3



10 - Dark Bronze / US10B / 613

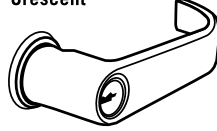


26D - Brushed Chrome / US26D

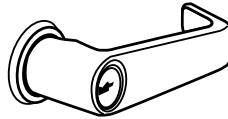
See Order Guide 4 - page 45

Lever Choices:

Crescent



American



See Order Guide 5 - page 45

Cylinder Types:

The standard cylinder is a solid brass Schlage "C" keyway installed in the lockset body or handle.

For field installation of commonly available OEM lock cylinders, Cylindrical locksets can be ordered with an I/C core prep lever (no cylinder in the lockset lever). Mortise, Exit, and Deadbolt locksets can be ordered with no cylinder in the lockset body.

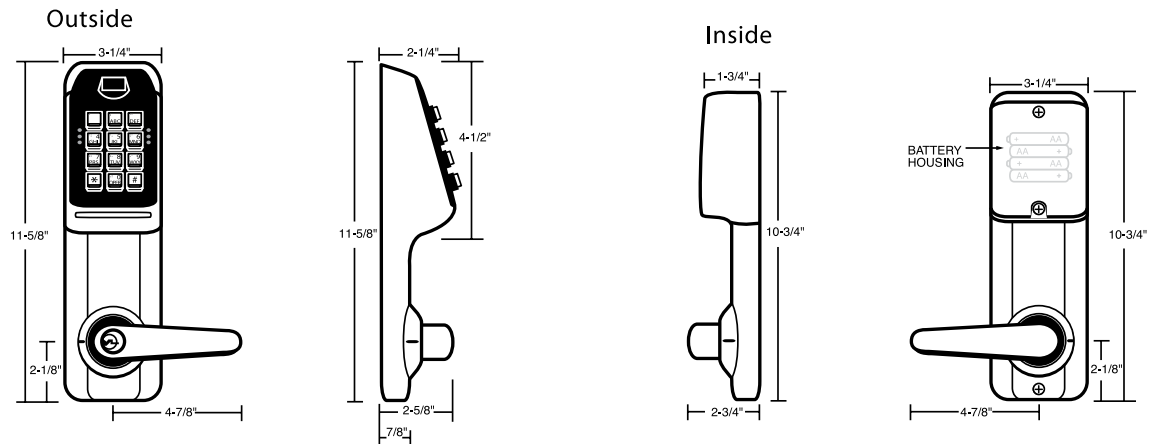
See Cylinder Type options in Step 5 of the Order Guide.



Standard Schlage "C" Keyways



LS Series Dimensions



Data Transfer Device

Hand-held Model DTD DATA TRANSFER DEVICE for wireless infrared (IR) transfer of data and retrieval of stored events from the software managed prox.pad plus IR and LS2P Series wireless access control locksets. Data is saved to an internal memory for transfer to a PC via USB connection. Powered by 4 "AA" batteries. Includes Hub Manager Professional software, USB cable & batteries.

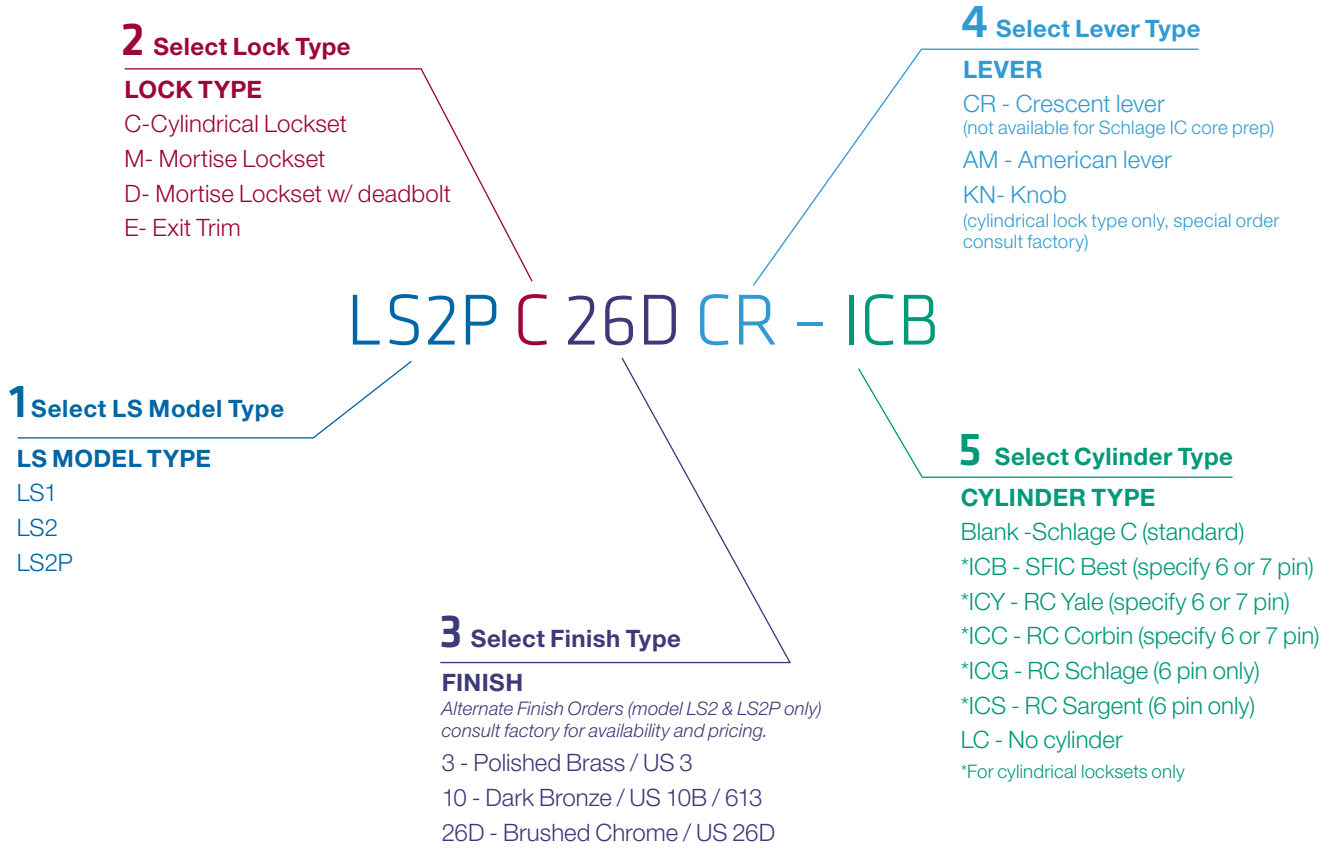
FEATURES

- Infrared hand held communication
- Battery powered
- Works with the LS2 & LS2P access control locksets



Order Guide

The model number determines the lockset options.
Order using these easy steps



ELECTRONIC ACCESS
CONTROL LOCKSETS

SPECIAL HARDWARE ORDERS

*Minimum order quantities may be required,
consult factory for availability and pricing*

- B2 - 2-3/8" Backset Latch
- B3 - 3-3/4" Backset Latch Extender
- B5 - 5" Backset Latch Extender
- S2 - 2-3/4" T Strike
- REX - Request To Exit Option In Handle
- SO - Solid Exterior Lever

EXIT TRIM ADAPTER PLATES

LSEVD	Von Durpin 99	0270001
LSEP	Precision 1100	0270002
LSEYC	Yale 7100 & Corbin ED5200	0270003
LSED	Dorma 9300	0270004
LSESA	Sargent 8800 & Arrow 3800	0270005

