LOCKING DEVICES

SDC Electra™

7200 Series

Solenoid Controlled Cylindrical Locks



SDC's Electra™ 7200 series solenoid controlled cylindrical locks are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse are required. These code compliant electric cylindrical locksets stay latched even when unlocked, maintaining fire door integrity and eliminating the need for exposed and vulnerable electric strikes and magnetic locks or request-to-exit devices.

7200 series models incorporate a grade 1 cylindrical lockset and vandal resistant clutch – proprietary to all SDC locksets. They replace most brands of mechanical locksets making them fully compatible with new and retrofit applications.

MODELS

Z72 Solenoid Controlled Cylindrical Lock

STANDARD FEATURES

- Heavy duty cylindrical design
- New or retrofit construction
- Vandal resistant clutch
- Solenoid control
- Key latch retraction
- Field selectable dual voltage
- Power regulator included
- Latch status (LS)

OPTIONAL FEATURES

- Request-to-exit (REX)*
- Trim options

* *Request-to-exit (REX) replaces latch status (LS).*

APPLICATIONS

FAILSECURE OPERATION

Locked when de-energized, the failsecure mode is recommended for security applications, such as inner offices, equipment rooms and security mantraps. Loss of power causes all doors to lock. Battery backup is required for continued operation during a power loss.

FAILSAFE OPERATION

Locked when energized, the failsafe mode is recommended for fire life safety applications, such as stairwell doors, perimeter exit doors and safety mantraps. Loss of power or a signal from the life safety system causes all doors to unlock for free uninhibited access and egress.

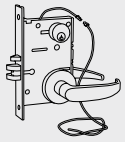
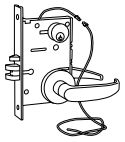
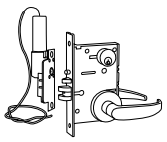
LOCKED OUTSIDE ONLY

Unlocked by an access control or key from the outside. Uninhibited egress at all times by turning the inside lever handle.

7250 Locked Outside Only, Failsafe

7252 Locked Outside Only, Failsecure

CROSS REFERENCE

Series	7800	7700	7600	7500	7200
					
Lock	Mortise	Mortise	Mortise	Mortise	Cylindrical
Electrification	Solenoid Control	MLR & Solenoid Control	MLR Control	Frame Actuator Control	Solenoid Control
	CLICK TO VIEW	CLICK TO VIEW	CLICK TO VIEW	CLICK TO VIEW	

SPECIFICATIONS

	Z72
Type	Cylindrical, Solenoid Control
Door Thickness	1¾" to 2"
Door Prep	ANSI A115.2
Backset	2¾"
Latchbolt	9/16" Throw
Strike	Standard ANSI 4⅞"
Weight	6 lbs
Input	12/24 VDC ± 10%
Current Draw	600 mA @ 12 VDC 300 mA @ 24 VDC
Monitoring Contacts	SPDT 3 Amps @ 30 VDC Resistive

CERTIFICATIONS

UL 10C Positive Pressure Fire Tests of Door Assemblies
ULC-S104 Standard Method for Fire Tests of Door Assemblies
CSFM Listed 3774-0324:0108

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

Designates optional step

1| SPECIFY MODEL

Z72 Solenoid Controlled Cylindrical Lock

2| SPECIFY FUNCTION

50 Locked Outside Only, Failsafe
52 Locked Outside Only, Failsecure

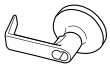
3| SPECIFY TRIM



E
Eclipse Rose



G
Galaxy Rose



E5
Eclipse Rose,
I-Core Prep



G5
Galaxy Rose,
I-Core Prep

4| SPECIFY FINSH

Q 626 Dull Chrome *Standard*
P 625 Bright Chrome
C 605 Bright Brass
D 606 Dull Brass
H 613 Dark Oil Rubbed Bronze

5| SPECIFY OPTIONS

R Request-To-Exit (REX)*

** Request-to-exit monitoring replaces latch status (LS).*

6| SPECIFY CYLINDER

6PKA* 6-Pin, 1⅛" Length, Keyed Alike
6PKD* 6-Pin, 1⅛" Length, Keyed Different
IC7P-KA** 7-Pin I-Core (IC), Small Format, Keyed Alike
IC7P-KD** 7-Pin I-Core (IC), Small Format, Keyed Different

** SDC conventional cylinders require E or G trim.*
Schlage "C" keyway standard

*** Interchangeable Core (IC) requires E5 or G5 trim.*
Best "A" keyway standard

STEP NUMBER:	1	2	3	4	5	6
ORDERING EXAMPLE:	Z72	50	E	Q	R	6PKA

RELATED PRODUCTS

LATCHBOLT BACKSET ASSEMBLIES

B1Q Replacement Latchbolt Backset, 2¾"
B2Q Optional Latchbolt Backset, 2⅜"

STRIKE PLATES

ST1Q Replacement Standard ANSI Strike, 4⅞"
ST2Q Optional Strike with Dust Box, 2¾" x 1⅛"

POWER REGULATORS

Power regulators reduce the power consumption of the bolt locks after activation of the lock, allowing for a heat reduction to the lock.

PR-7200 Replacement Power Regulator

DOOR POSITION STATUS (DPS)

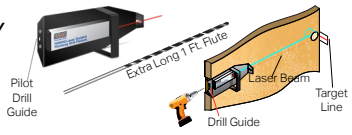


Magnetic door contacts and electromechanical ball switch assemblies provide a means of monitoring door status.

CLICK TO VIEW

LASER GUIDED WIRE RACEWAY DRILL FIXTURE KITS

CLICK TO VIEW



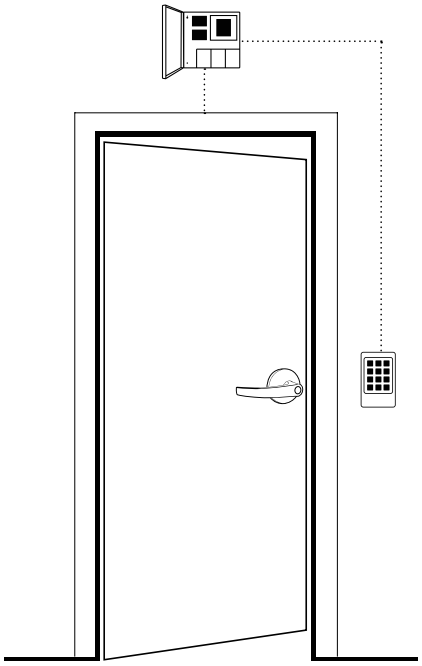
COMPONENT CONSIDERATIONS

KEY SWITCHES

CLICK TO VIEW



Early forms of access control began as manual key switches. Under SDC, key switches have evolved into an electrified access control method. SDC key switch assemblies provide an economical method of providing authorized control for a variety of applications and new or retrofit construction. Compatibility with a new or existing facility mechanical key system is maintained through the use of U.S. standard, 1" and 1⅜" mortise key cylinders and interchangeable core cylinders (not included).



KEYPADS & READERS

CLICK TO VIEW



SDC has a variety of digital keypad and proximity card access control system equipment to meet any need. SDC's keypads and readers are engineered to provide real-world door control of a single opening up to 100 doors, such as indoor, outdoor and PC-based systems, while ensuring fire and life safety code compliance along with superior expandability and flexibility in authorization identification, authentication, access approval and accountability of entities through login credentials.

POWER TRANSFER DEVICES

CLICK TO VIEW



Electrified power transfer hinges (PTH Series), loops (PT Series) and mortise devices (PTM Series) provide both surface and concealed methods for running wires from the frame to transfer power and monitoring signals to doors equipped with electric locks and exit devices. Wireless power transfer devices (WPT Series) wirelessly transfer power and monitor latch bolt status, REX or data signals to electrified locks and latches.

POWER CONTROLLERS

CLICK TO VIEW



SDC access control power supplies have been developed specifically to support access controls and electric locking hardware. They are UL listed and provide filtered and regulated linear DC power, with optional control logic, component interface, alarm interface and battery back-up to meet the requirements of single and multiple access-controlled openings. The circuitry design is ideal for the inductive loads generated by access control hardware for high performance and longevity.

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