



7200 ELECTRIFIED CYLINDRICAL LOCKSETS

Application

Code compliant 7200 Series electrified cylindrical locksets stay latched even when unlocked, maintaining fire door integrity. This basic ability complies with national code requirements for up to 3-hour fire rated doors, including elevator lobby and stairwell doors where electromagnetic locks and electric strikes are not permitted. (See Misapplication*, page 2)

For high profile installations that require security with superior aesthetics, failsafe and failsecure electric cylindrical locks eliminate the need for exposed and vulnerable locking devices, such as electric strikes, magnetic locks and remote request to exit devices.

Failsafe - 7250

Locked when energized, the failsafe cylindrical lock function 7250 is ideal for perimeter door applications. Unlike a magnetic lock, the failsafe electrified cylindrical lock function 7250 is never locked from the inside and permits uninhibited egress at all times by turning the inside manual lever handle. This also eliminates the need for secondary request-to-exit (REX) devices, such as motion detectors, exit switches and switch bars. When connected to the fire life safety command center, the lock releases immediately in an emergency, transforming a stairwell or elevator lobby door from a one-way exit into a two-way exit. This permits re-entry and eliminates the possibility of stairwell entrapment and potential exposure to life threatening smoke inhalation. Additionally, fire fighters are permitted uninhibited access to all floors during an emergency, speeding life saving and fire extinguishing efforts.

Failsecure - 7252

Unlocked when energized, the failsecure electric cylindrical lock function 7252 is ideal for interior high security applications. The function 7252 is never locked from the inside and permits uninhibited egress at all times by turning the inside manual lever handle. This also eliminates reliance on secondary request-to-exit (REX) devices. Battery backup power supplies may be specified to provide power for operation during power outage.

Facility applications include: Commercial High-Rise Buildings, Industrial and Technology Centers, Health Care, Transportation, Government and Military Facilities, Museums and Universities.

Access control applications include: Office and work center doors, mantrap doors, stairwell doors, elevator lobby doors, and exit doors.

Code Compliance

UBC, SBC, BOCA, IBC, IFC, NFPA, UFC, California Building Code, Chicago Building Code. ADA - Americans with Disabilities Act, 1991. California State Reference Code (formerly CSFM Title 19), Galaxy and Eclipse style lever handles return to within 1/2" of door face.

Listings

UL Listed: Electrically Controlled Single Point Locks & Latches
CSFM Listed: California State Fire Marshal

WHAT'S NEW

Electra™ PRO - SDC Brand

The **Z7200** series features an SDC manufactured ANSI Grade 1 Heavy Duty cylindrical lockset that retrofits other mechanical cylindrical lock brands. Standard features include: SPDT request-to-exit output; clutch for vandal and abuse resistance from forced lever handles; Dual 12/24VDC input.

Specify **Z7200** for new or retrofit applications that require a full-featured lockset with or without request-to-exit outputs, application versatility and vandal resistance.

Electra™ Mod - Schlage D Lock Electrification

The **S7200** and **ZS7200** series feature an SDC electrified Schlage D ANSI Grade 1 Heavy Duty cylindrical lockset that retrofits Schlage or other mechanical cylindrical lock brands. Standard dual 12/24VDC input. Request-to-Exit output is optional and must be specified.

S7200: The Schlage D cylindrical lock supplied by the distributor to the SDC factory for electrification.

ZS7200: SDC electrified Schlage D cylindrical lock is supplied by SDC.

Specify **S7200** and **ZS7200** series where Schlage electrified locks are preferred for the retrofit of Schlage or other brand mechanical locksets.

*Misapplication of Magnetic Locks and Strikes

Magnetic Locks

The use of electromagnetic locks is not recommended for stairwell doors for several reasons. (1) National codes have no provision for locking the interior side of stairwell doors at any time. (2) When a magnetic lock is energized the door is locked on the interior and exterior. (3) Egress ability relies upon the proper installation and reliability of a secondary switching device and/or relay (integrated or external), rather than the inherently safe manual lever egress operation of an electrified lockset. (4) Codes do not permit the use of a wall mounted exit switch for stairwell door egress. This requires both prior knowledge and two actions to achieve egress, as opposed to the single natural motion of lever rotation provided by electrified lockset.

Electric Strikes

Electric strikes are not permissible on stairwell doors at any time. Failsafe electric strikes do not keep the door latched when unlocked, failing to maintain fire door integrity. Failsecure electric strikes are incapable of releasing during an emergency.

Approval of these products by local inspectors for stairwell door applications may not qualify as code compliant and may be indicative of code misinterpretation