



BOULDER CREEK FIRE PROTECTION DISTRICT

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OFFICE OF THE FIRE MARSHAL

APPROVED GATE / ACCESS LOCKING OPTIONS

PURPOSE

The purpose of this standard is to provide guidance to those persons choosing to provide for security of their property by installing an automatic vehicular gate system. Due to mutual and auto-aid agreements, it has been determined that there must be a method to allow emergency vehicles (fire, police, ambulance) access to the property without the gate hindering entry.

SCOPE

The California Fire Code provides for the installation of such devices in Chapter 5.

503.6 - Security gates. The installation of security gates across a fire apparatus access road shall be approved by the fire chief. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times.

506.1 Where required. Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving or fire fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type and shall contain keys to gain necessary access as required by the fire code official.

506.1.1 Locks. An approved lock shall be installed on gates or similar barriers when required by the fire code official.

The California Code of Regulations Title 14 that pertains to State Regulated Areas (SRA) provides additional requirements for gates.

1273.11 (a) Gate entrances shall be at least two feet wider than the width of the traffic lane(s) serving the gate.

Therefore, when required by the fire chief, there shall be a means to allow unhindered access to a property in case of an emergency.

When an automatic vehicular gate is installed or replaced the installer shall contact the Boulder Creek Fire Protection District Office to ascertain if a fire department access system will be required. There may also be an occasion where the responding fire agency may discover an automatic vehicular gate that needs a fire department access system installed.

REQUIREMENTS – The Boulder Creek Fire Protection District Office shall be consulted prior to installation of any fire department access systems. The option utilized must be approved by the Fire Chief prior to installation. See options listed below.

Option # 1 – Automatic vehicular gate systems provide convenience and privacy. Below is the electric option.

Option # 2 – Manual access can also be used when applicable and approved.

SUMMARY – When access is restricted, there must be a means to allow emergency vehicles access to the property for the safety and welfare of the public and property.

2-13/16" PLATE

4-1/2" PLATE

2-1/4" D CLEARANCE

3/4" diameter

Highly reflective operation decal
Label color red for Fire Department

1/8" thick aluminum mounting plate with gasket (gasket not shown)

Stainless steel Dust Cover with hole for Tamper Alert

Mounting holes fit standard single electric switch box (typ.)

ELECTRICAL DATA

- ✓ Switch: SPDT or DPDT
- ✓ 7 A resistive, 4 A inductive, (sea level), 28 VDC
- ✓ 7 A resistive, 2.5 A inductive, (50,000 ft.), 28 VDC
- ✓ 7 A resistive or inductive, 115 VAC, 60 Hz
- ✓ UL® and CSA listed: 7 A, 250 VAC
- ✓ Temperature tolerance up to +180° F

ORDERING SPECIFICATIONS

To insure procurement and delivery of the Knox Gate & Key Switch, It is suggested that the following specification paragraph be used:

Dimensions: Requires 2 1/4" recessed depth x 3/4" diameter

Switch: SPDT or DPDT; 7 A resistive, 4 A inductive, key removable two position

Mounting: Key switch is designed to be recess mounted

P/N: 3600 Series Knox Gate & Key Switch (mfr's opt. ID)

Mfr's Name: KNOX COMPANY



KNOX PADLOCKS™



EXTERIOR USE
Model #3781



EXTERIOR USE
Model #3784

EXTERIOR PADLOCK FEATURES AND BENEFITS

Knox exterior padlocks utilize the same master key used with the Knox Rapid Access System. The exterior, heavy-duty Knox Padlocks (Models #3781, 3782, 3783) are built with a stainless-steel shackle designed for securing storage areas, temporary construction sites, gated communities, etc. The shrouded all-weather padlock (Model #3784) provides additional security against pry and cut attacks. The lock cylinder is UL 437 listed which demonstrates it has met the rigorous standard. Performance is tested with a battery of endurance and attack tests.

FEATURES

- ✓ All-weather rust-free stainless-steel Grade 6 shackle
- ✓ Weather resistant body with durable weather cover includes: cylinder protection, sealed shackle holes, and drainage system
- ✓ Available in 4", 3" and 2" shackle lengths
- ✓ Attack resistant
- ✓ Key retaining (when open)
- ✓ Precision pin cylinder
- ✓ High-security shroud version available (for all Knox lock cores)
- ✓ Authorized agency identification labels available: Fire (red); EMS (white); Police (blue); Sheriff (gold); Security (white)

BENEFITS

- ✓ New Shackle lengths support additional applications
- ✓ Improved attack resistance provides longer service life
- ✓ Key retention prevents dropped/lost keys
- ✓ Utilizes the Knox master key solution

INTERIOR PADLOCK FEATURES AND BENEFITS

Knox Interior padlocks utilize the same master key used with the Knox Rapid Access System. The interior Knox Padlock (Models 3771 and 3774) are designed to secure fire sprinkler control systems, hazardous chemical supplies, restricted utility areas, equipment lockers, and cases. The lock cylinder is UL Listed which demonstrates it has met the rigorous standard. Performance is tested with a battery of endurance and attack tests.

FEATURES

- ✓ Stainless steel shackle; 5/16" diameter available in 2-3/8" and 1-1/8" shackle options
- ✓ Heavy-duty lock design and solid brass body resists pull attacks
- ✓ Precision pin cylinder
- ✓ Key retaining (when open)
- ✓ Authorized agency identification labels available: Fire (red); EMS (white); Police (blue); Sheriff (gold); Security (white)

BENEFITS

- ✓ Two shackle lengths support additional applications
- ✓ Key retention prevents dropped/lost keys
- ✓ Utilizes Knox master key solution

