


CITY AND COUNTY OF DENVER	POLICY	DENVER FIRE DEPARTMENT
Subject: ELEVATOR STANDARDIZED KEY SWITCHES		
Reference: Denver Fire Code 506.3		
Approved:		
 Joseph L. Gonzales, Division Chief		
Number: 506-1	Effective Date: July 1, 2014	Page 1 of 3

This policy is meant to provide basic information for the most common conditions and situations. In any given occupancy, many other Fire Code requirements may be enforced.

General Information

This policy provides guidance for the requirement of standardized elevator fire service keys in the City and County of Denver.

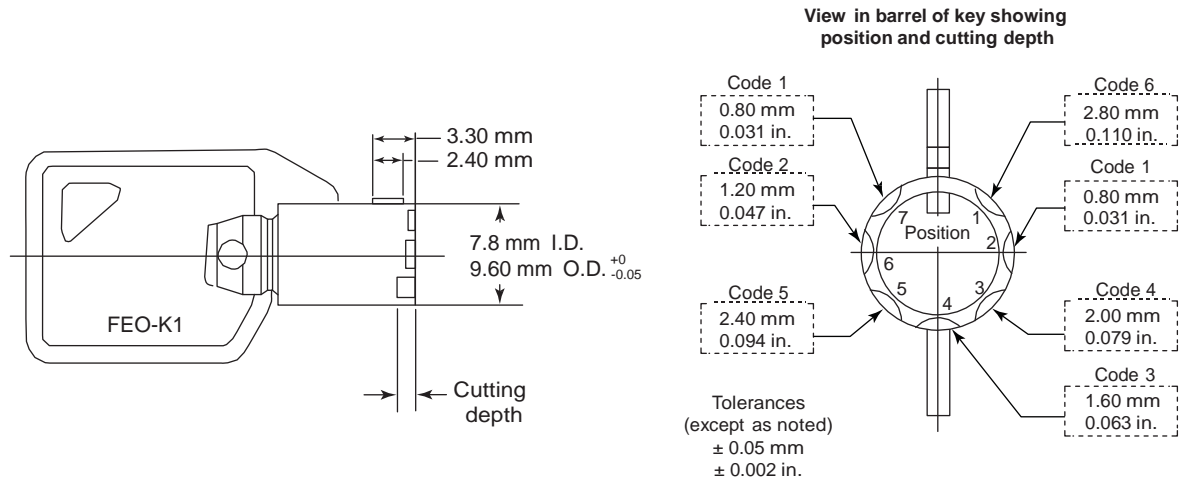
Standardized fire service elevator keys. All buildings with elevators equipped with Phase I Emergency Recall, Phase II emergency in-car operation, or a Fire Service Access Elevator shall be equipped to operate with a standardized fire service elevator key in accordance with the following.

All elevators in a building shall be operable by the FEO-K1 key. The keys shall be Group 3 Security. A separate key shall be provided for each switch.

This key shall be of a tubular, 7 pin, style 137 construction and shall have a bitting code of 6143521 starting at the tab sequenced clockwise as viewed from the barrel end of the key and cutting depths shall be in accordance with Fig. 2.27.8. The key shall be coded "FEO-K1."

CITY AND COUNTY OF DENVER	POLICY	DENVER FIRE DEPARTMENT
Subject: ELEVATOR STANDARDIZED KEY SWITCHES		
Number: 506-1	Effective Date: July 1, 2014	Page 2 of 3

Fig. 2.27.8 FEO-K1 Key



Position	Bitting Code	Depth of Cut, mm	Depth of Cut, in.
1	6	2.80	0.110
2	1	0.80	0.031
3	4	2.00	0.079
4	3	1.60	0.063
5	5	2.40	0.094
6	2	1.20	0.047
7	1	0.80	0.031

Access to standardized fire service keys. Access to standardized fire service elevator keys shall be restricted to the following:

1. Elevator owners or their authorized agents
2. Elevator installation and maintenance contractors
3. Elevator Inspectors of the jurisdiction
4. Fire code officials of the jurisdiction.
5. The fire department and other emergency response agencies designated by the fire code official.
6. Elevator manufacturers.

Duplication or distribution of keys. No person may possess a standardized fire service elevator key unless in accordance with this code. Duplication of keys is not permitted. Unauthorized distribution/duplication of keys is subject to the penalties of Section 109.2.2.1.

Responsibility to provide keys. A key shall be provided for each switch installed. Standardized fire service access keys shall be maintained in an approved lock box within

CITY AND COUNTY OF DENVER	POLICY	DENVER FIRE DEPARTMENT
Subject: ELEVATOR STANDARDIZED KEY SWITCHES		
Number: 506-1	Effective Date: July 1, 2014	Page 3 of 3

a secured fire command center or fire command room per IFCA Section 508 where provided, or an approved, listed key box in accordance with IFCA Section 506.1. The box shall comply with Underwriters Laboratory (U.L.) 1037 and the key accessing this box shall be the FEO-K1 key.

New Installations

All new elevator installations shall comply with this requirement. Where a new elevator is part of an existing group of elevators with a common controller, all elevators in the group shall be retrofitted with the FEO-K1 key.

Alterations

Where an existing elevator is modified under **any** alteration encompassing a scope of work as described under Colorado Code of Regulations, 7 CCR 1101-8 or ASME A17.1 as described therein, the altered elevator shall be provided with the FEO-K1 key. Where the modified elevator is part of an existing group of elevators with a common controller, all elevators in the group shall be retrofitted with the FEO-K1 key.

Existing Installations

Effective **July 1, 2018**, key switches required for Firefighters' Emergency Operation and Emergency or Standby Power Systems selection on all elevators within a premise shall be operable by the "FEO-K1" key.

END OF DOCUMENT