Luter Fire Command Panic Exit Device

FC5500 Series (Rim Type Exit Device)
FC8500 Series (Fire Exit Device)
FC5600 Series (Vertical Rod Panic Exit Device)
FC8600 Series (Vertical Rod Fire Exit Device)

ANSI A156.3, Grade 1

c(UL)us
LISTED
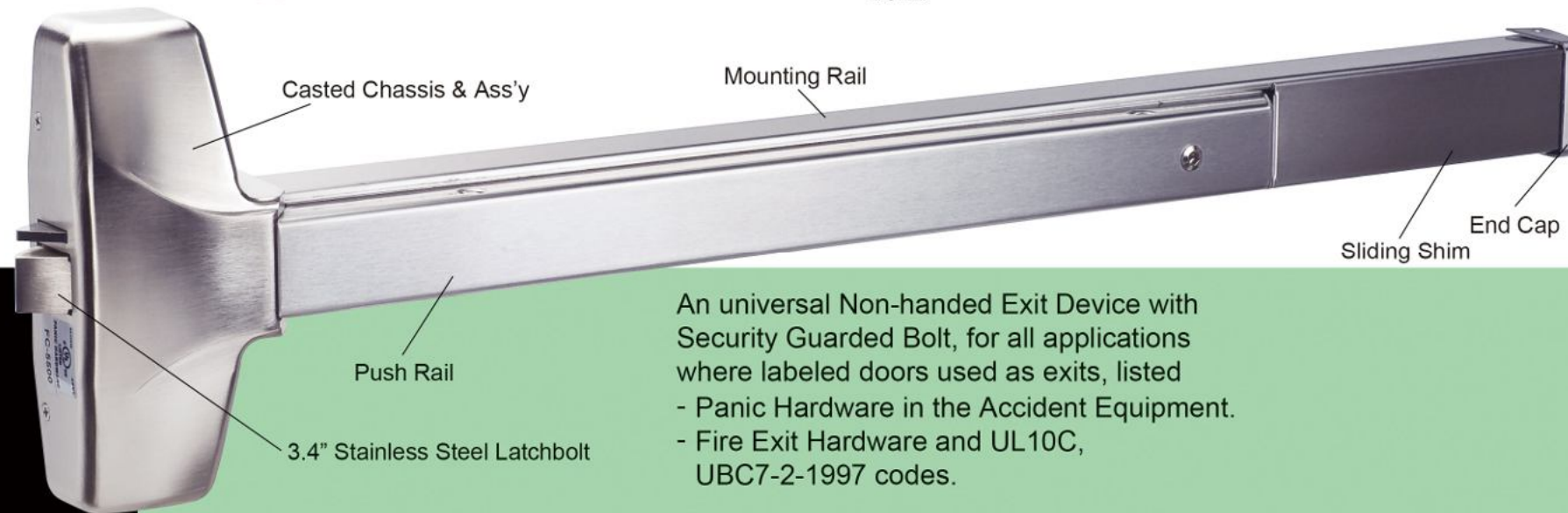3 HOUR FIRE RATED

Features & Construction

- ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs.
- UL Listed for Panic and UL 10C, UBC 7-2-1997 codes.
- UL Listed for Fire Exit Hardware. 3 hours.
- Conforms & Meets ADA Regulations.
- (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions.
- Uncompromising security and safety in single and double fire exit doors.
- Chassis mounted unit construction.
- Available in many different functions. Lever and escutcheon trims are grade 1 construction with clutch free wheeling mechanism. Rose and escutcheon covers 161 cut out.

Suggested Architect's Specifications

- All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width.
- All exit devices must be listed under " Panic Hardware " in the Accident Equipment List of Underwriter's Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and UL 10C, UBC 7-2-1997 codes.
- All exit devices shall be of chassis mounted unit construction.

Lutér®

Luter Fire Command Panic Exit Device

FC5500 & FC8500 Series
Rim Type and Fire Exit Device

c(UL)us CONFORMS TO STANDAEDS
UL 10C AND UBC 7-2(1997)
LISTED

Casted Chassis & Ass'y

Mounting Rail

End Cap

Sliding Shim

Push Rail

3.4" Stainless Steel Latchbolt

An universal Non-handed Exit Device with Security Guarded Bolt, for all applications where labeled doors used as exits, listed
- Panic Hardware in the Accident Equipment.
- Fire Exit Hardware and UL10C, UBC7-2-1997 codes.

Alarm Exit Hardware
FC-ALM5500-36 & FC-ALM8500-36 Series

c(UL)us CONFORMS TO STANDAEDS
UL 10C AND UBC 7-2(1997)
LISTED

EMERGENCY EXIT ONLY
ALARM WILL SOUND

Rim Type Exit Devices
ALM5500-36 Alarm Rim type 36" door (panic grade)
ALM5500-48 Alarm Rim type 48" door (panic grade)
ALM8500-36 Alarm Rim type 36" door (fire grade)
ALM8500-48 Alarm Rim type 48" door (fire grade)

Vertical Rod Type Exit Devices
Prefix "ALM" before Part #.

Dimensions
- Alarm unit has an internal horn. When the push rail is depressed, the horn sounds to provide an audible as means of signaling that the door has been opened and violated.
- The unit has changeable 2-minute alarm cutoff or manual reset. Preset at factory for 2-minute alarm cut off.
- Jumper cable is provided to switch to continuous alarm.
- The key switch to turn the alarm off is a standard 1-1/4" cylinder with "C" keyway. The alarm operates on one standard 9 volt transistor battery. When battery is weak the horn will emit an intermittent signal.
- Alarm unit is supplied with two switches. One controls the push rail, the other controls the latchbolt for full proof security.
- Unit includes "Emergency Exit Only. Alarm Will Sound" decal for application on door or unit.

Specifications
Conforms to ANSI STD A156.3 Grade 1
For Doors ------------- 1-3/4" thick standard. Also usable on 1-3/8" to 2" thick doors. (specify when other than 1-3/4" thick). Door widths from 30"~48".
Stile --------------------- 4-1/2" minimum stile.
Mounting -------------- Furnished with wooden and machine screws and SNB's.
Cover -------------------- Zinc or Stainless Steel.
Chassis ---------------- Steel or Stainless Steel.
Rail Assembly -------- Steel or Stainless Steel.
End Cap --------------- Steel or Stainless Steel.
Hand -------------------- Non-handed, Trim reversible.
Latch Bolt -------------- Stainless steel 3/4" throw.
Dead Latch Bolt ------ Stainless steel 5/8".
Cyclinder --------------- Brass, rim-type, 5-pin, 2 keys.
Strike ------------------- 5/8" stop plus shim for 1/2" stop.
Dogging Feature ----- Allen-type key. (Fire Rated model excluded).
Mullion ------------------ Removable Mullion & Fire Exit Mullion.
U.L. Listed ------------- For "Panic Hardware" and Fire Rated model 3-hour for use on doors up to 38" x 86".
ANSI standard -------- ANSI 156.3 - the 5000 series is built to conform to this standard.
Finish ------------------ Power Coated: Aluminum, Bronze, Duronodic.
Plated: Polished brass or chrome.
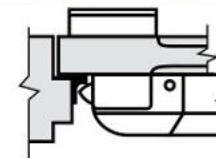Solid stainless steel: Polished or satin.

Dimensions

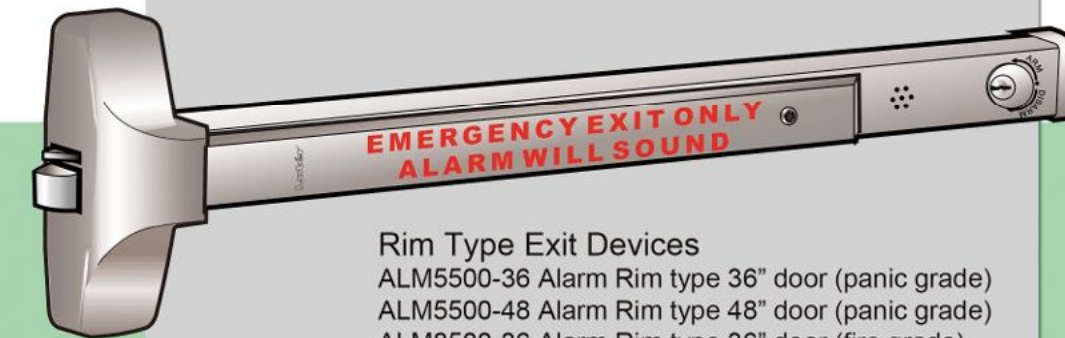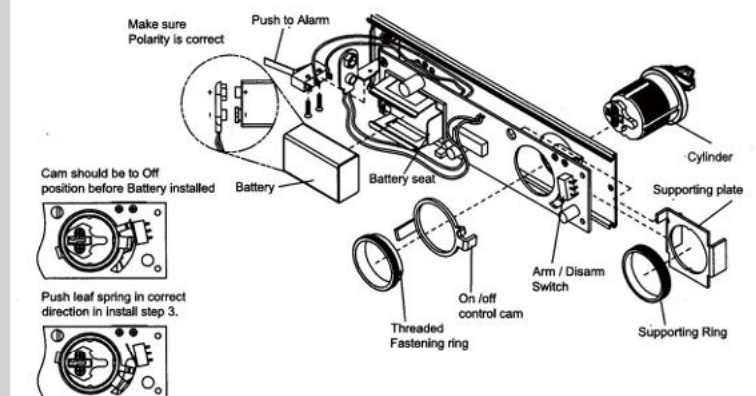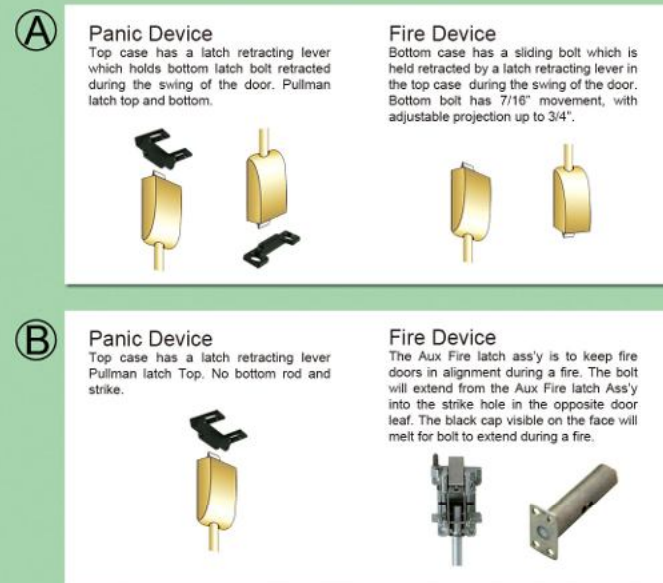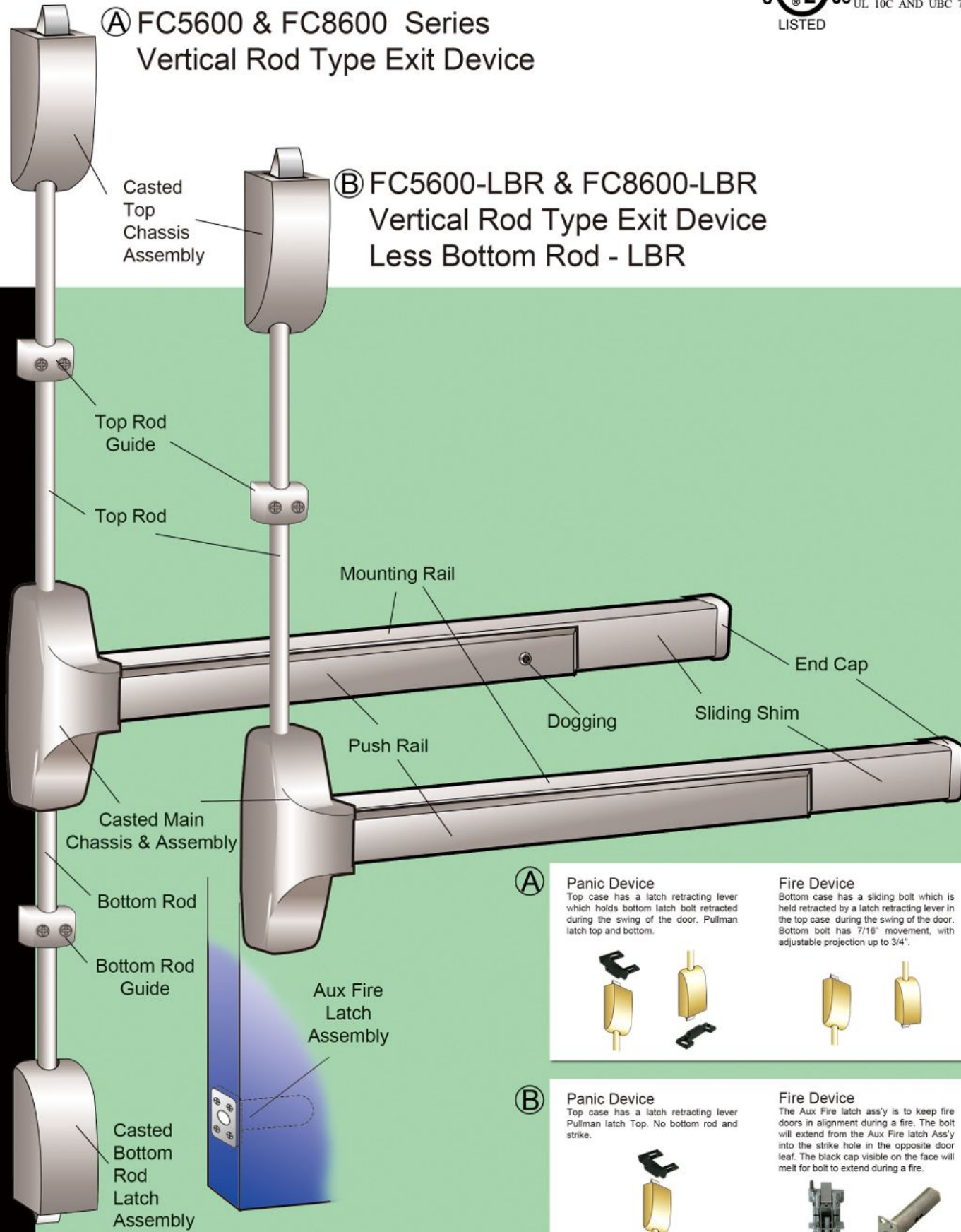|	
Touchbar height to finished floor	41"(1034mm) at center
Touchbar projection-- neutral	2-1/2" (64mm)
-- depressed	1-3/4" (45mm)
Center case	6" x 3-3/4" x 2-1/2" (153mm x 94mm x 64mm)
Device length-- Short 3' (914mm)	2' 9" to 3' (840mm to 914mm) door size
-- Long 4' (1219mm)	2' 9" to 4' (1145mm to 1219mm) door size

Minimun Stile Requiement

DOUBLE DOOR   4-1/2" MIN. STILE
TRIM

SINGLE DOOR   4-1/2" MIN. STILE

Ass'y Alarm kit with parts as shown below :

Make sure Polarity is correct
Push to Alarm
Cylinder
Cam should be to Off position before Battery installed
Battery
Battery seal
Supporting plate
Arm / Disarm Switch
On /off control cam
Supporting Ring
Push leaf spring in correct direction in install step 3.
Threaded Fastening ring

Luter Fire Command Panic Exit Device

C (UL) **US** LISTED CONFORMS TO STANDAEDS UL 10C AND UBC 7-2(1997)

(A) FC5600 & FC8600 Series
Vertical Rod Type Exit Device

Casted Top Chassis Assembly

(B) FC5600-LBR & FC8600-LBR
Vertical Rod Type Exit Device
Less Bottom Rod - LBR

Top Rod Guide

Top Rod

Mounting Rail

End Cap

Dogging

Sliding Shim

Push Rail

Casted Main Chassis & Assembly

Bottom Rod

Bottom Rod Guide

Aux Fire Latch Assembly

Casted Bottom Rod Latch Assembly

(A)
Panic Device Top case has a latch retracting lever which holds bottom latch bolt retracted during the swing of the door. Pullman latch top and bottom.

Fire Device Bottom case has a sliding bolt which is held retracted by a latch retracting lever in the top case during the swing of the door. Bottom bolt has 7/16" movement, with adjustable projection up to 3/4".

(B)
Panic Device Top case has a latch retracting lever Pullman latch Top. No bottom rod and strike.

Fire Device The Aux Fire latch ass'y is to keep fire doors in alignment during a fire. The bolt will extend from the Aux Fire latch Ass'y into the strike hole in the opposite door leaf. The black cap visible on the face will melt for bolt to extend during a fire.

Specifications
Conforms to ANSI STD A156.3 Grade 1

LBR	**(B)** No Bottom Strike. Free access for wheel chairs, stretcher and carts from tripping and damaging of floors while dragging on bootom bolts.
For Doors	1-3/4" thick standard. Also usable on 1-3/8" to 2" thick doors. (specify when other than 1-3/4" thick). Door widths from 30"~48".
Stile	4-1/2" minimum stile.
Mounting	Furnished with wooden and machine screws and SNB's.
Cover	Zinc or Stainless Steel.
Chassis	Steel or Stainless Steel.
Rail Assembly	Steel or Stainless Steel.
End Cap	Steel or Stainless Steel.
Hand	Non-handed, Trim reversible.
Latch Bolt	Stainless steel 3/4" throw.
Dead Latch Bolt	Stainless steel 5/8".
Cyclinder	Brass, rim-type, 5-pin, 2 keys.
Strike	5/8" stop plus shim for 1/2" stop.
Dogging Feature	Allen-type key. (Fire Rated model excluded).
Mullion	Removable Mullion & Fire Exit Mullion.
U.L. Listed	For "Panic Hardware" and Fire Rated model 3-hour for use on doors up to 38" x 86".
ANSI standard	ANSI 156.3 - the 5000 series is built to conform to this standard.
Finish	Power Coated: Aluminum, Bronze, Duronodic. Plated: Polished brass or chrome. Solid stainless steel: Polished or satin.

Minimun Stile Requiement

DOUBLE DOOR Mullion Stile, Require 2 Vertical Rod Device

TRIM

3-1/2" MIN. STILE

SINGLE DOOR

3-1/2" MIN. STILE
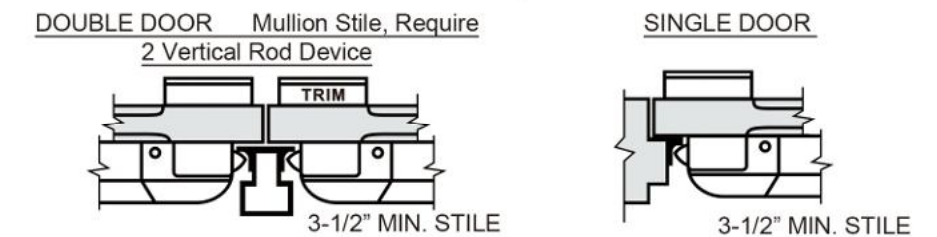
Dimensions

Touchbar height to finished floor	41" (1043mm) at center
Touchbar projection	
neutral	2-1/2" (64mm)
depressed	1-3/4" (45mm)
Center case	6" x 3-3/4" x 2-1/2" (153mm x 94mm x 64mm)
Device length	
Short 3" (914mm)	2'9" to 3' (840mm to 914mm) door size
Long 4" (1219mm)	2'9" to 4' (1145mm to 1219mm) door size
Panic grade top & bottom latch case	3-15/16" x 2-1/8" x 1-3/8" (100mm x 52mm x 42mm)
Fire grade top latch case	3-15/16" x 2-11/16" x 2-1/16" (100mm x 68mm x 53mm)
Fire grade bottom latch case	**(A)** 3-15/16" x 2-1/8" x 1-3/8" (100mm x 52mm x 42mm)
Top & bottom rod length for 36" x 84" doors	Top rod 43-1/4" (1100mm), bottom rod 37-3/4" (960mm)
Top & bottom rod length for 48" x 96" doors	Top rod 53-1/16" (1350mm), bottom rod 37-3/4" (960mm)
Vertical rods	1/2" (13mm) Round tubing.