

Installation Instructions SE LP10 9600 Series Exit Device With MELR

FM385 06/20

Corbin
Russwin

ASSA ABLOY

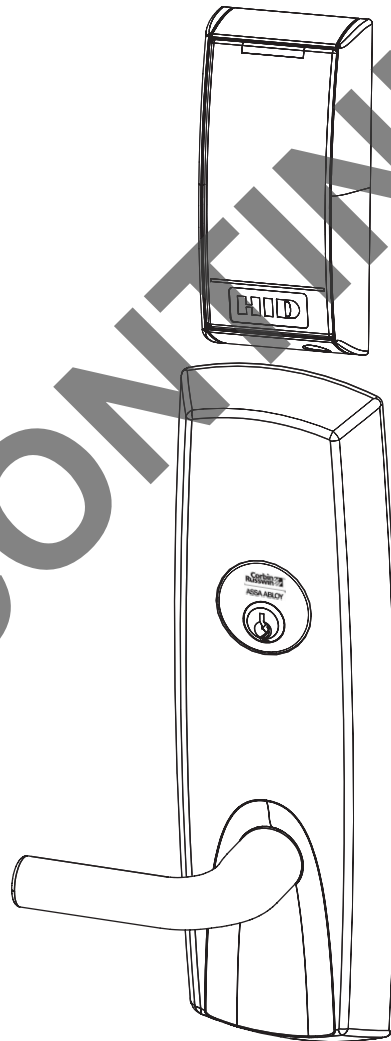
Attention Installer

Please read these instructions carefully to prevent missing important steps.

Please Note: Improper installations may result in damage to the lock and void the factory warranty.

Important: The accuracy of the door preparation is critical for proper functioning and security of this lock.

Misalignment can cause premature wear and a lessening of security.



For Technical Assistance call Corbin Russwin at 1-800-810-WIRE (9473)

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Table of Contents

1) Regulatory Compliance.....3

2) Warning.....3

3) General Description.....4

4) Specifications / Features4

5) Product Illustrations.....6

6) Wiring Diagrams.....8

7) Installation Instructions12

8) MELR Device and Configuration Check24

9) Door Position Switch (DPS) Installation24

10) Operational Check25

Installation Instructions SE LP10 9600 Series Exit Device With MELR

1) Regulatory Compliance

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada:

This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Cet appareillage numérique de la classe B répond à toutes les exigences de l'interférence canadienne causant des règlements d'équipement. L'opération est sujette aux deux conditions suivantes: (1) ce dispositif peut ne pas causer l'interférence nocive, et (2) ce dispositif doit accepter n'importe quelle interférence reçue, y compris l'interférence qui peut causer l'opération peu désirée.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet équipement est conforme aux limites d'exposition aux radiations de la FCC définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps. Cet émetteur ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

2) Warning



This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to: www.P65warnings.ca.gov.

Ce produit peut vous exposer au plomb qui, dans l'état de la Californie, est reconnu pour causer le cancer, des anomalies congénitales ou d'autres problèmes de reproduction.

Pour plus d'informations, visitez: www.P65warnings.ca.gov.



Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Corbin Russwin makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.



To avoid possible damage from electrostatic discharge (ESD), some basic precautions should be used when handling electronic components:

- Minimize build-up of static by touching and/or maintaining contact with unpainted metal surfaces such as door hinges, latches, and mounting plates especially when mounting electronic components such as readers and controllers onto the door.
- Leave components (reader and controller) protected in their respective anti-static bags until ready for installation
- Do not touch pins, leads or solder connections on the circuit boards

3) General Description

The Corbin Russwin SE LP10 Series exit device is designed to interface with existing Wired Electronic Access Control (EAC) panels. The reader requires 12VDC for power and features HID® multiCLASS SE® technology. The technology is designed around Corbin Russwin's Grade 1 hardware. The exit device comes with touch bar monitoring (REX) and is provided with an external Door Position Switch (DPS). Featuring EcoFlex™ technology, the lock operates from 12-24VDC.

4) Specifications / Features

- Door Thickness – 1-3/4" Standard; Can be furnished for other door thicknesses upon request. Consult factory.
- Outside lever controlled by reader or key allows lever to retract latch
- Inside push bar produces REX (request to exit) signal and retracts latch
- Fail Safe or Fail Secure Operation (must specify)
- UL fire listed available
- Wires directly to EAC panels
- Wire from EAC Panel to door must be shielded with a drain. Drain terminated at EAC Panel controller.
- Supports multiple credential formats:

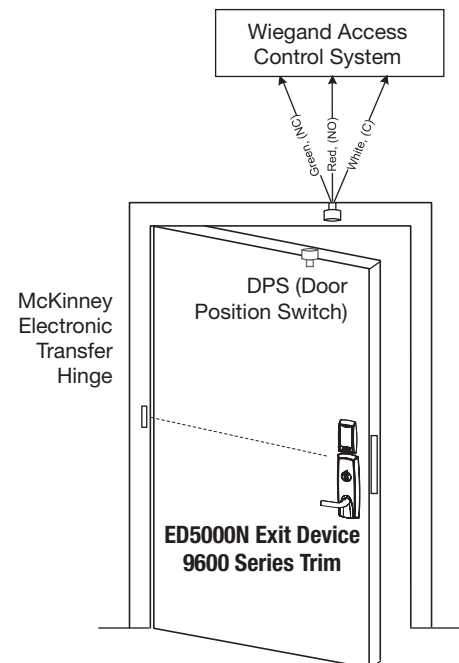
Electrical Specifications

- Reader Draw = 150mA @12 / 24VDC
- Actuator Draw = 400mA inrush / 15mA continuous @12 / 24VDC
- Total System Draw = 550mA @12/24VDC
- **2.4 GHz credential compatibility**
 - Secure Identity Object™ (SIO) on Mobile IDs (Bluetooth Smart)
- **13.56 MHz credential compatibility:**
 - Secure Identity Object™ (SIO) on iCLASS Seos, iCLASS SE/SR, MIFARE DESFire EV1/EV2 and MIFARE Classic (on by default)
 - Standard iCLASS Access Control Application, ISO14443A (MIFARE) CSN, ISO14443B CSN, and ISO15693 CSN
 - ISO14443A/B (PIV-compatible Transparent FASC-N read) available with SE LP10-F (**not available with Alternate Indicator Configuration**)
 - NFC-enabled mobile phones
- **125 kHz credential compatibility:**
 - HID Prox®, AWID, EM4102

For Mobile Credential-Enabled versions of this electronic lock

(Indicated by "BIPS" in the product order string):

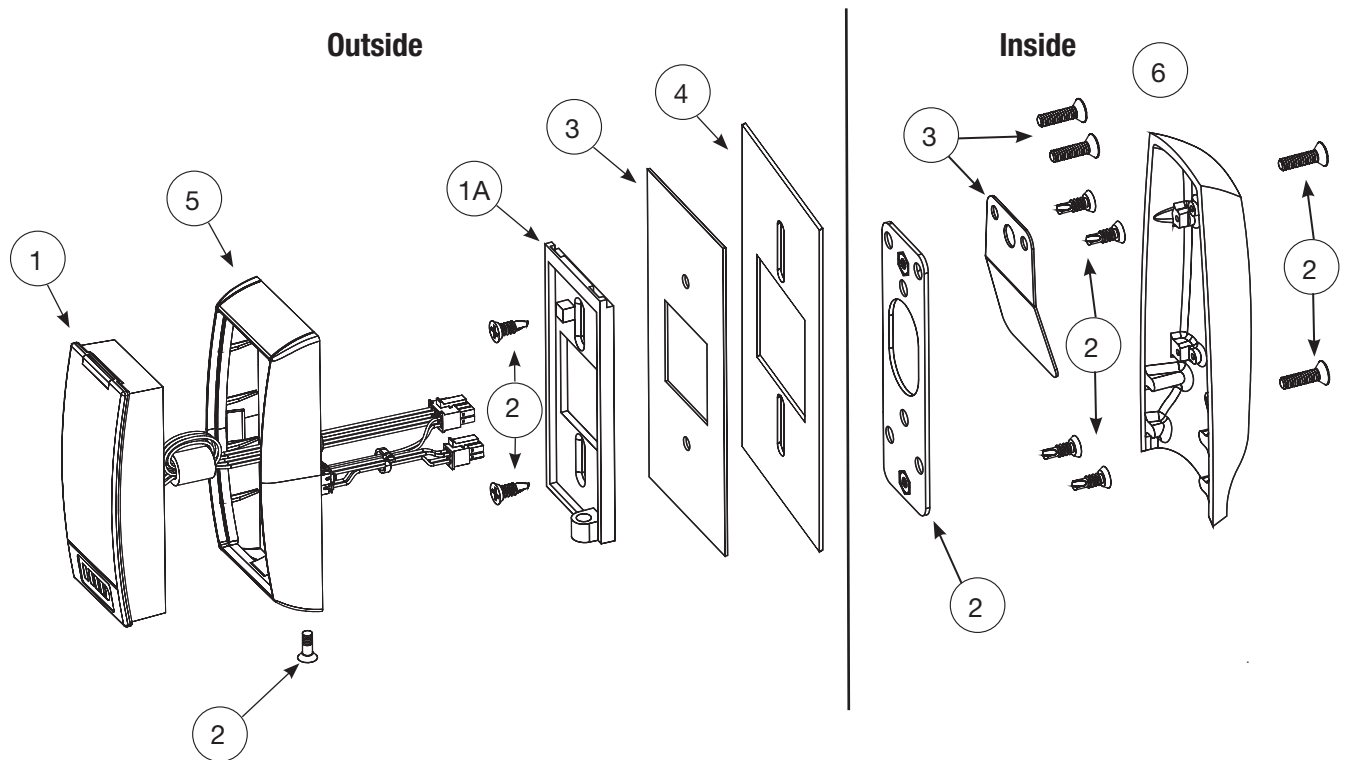
- Mobile Credentials are transmitted to the lock via Bluetooth Smart or NFC ISO/IEC14443 and must use a mobile device enabled with these technologies.
- Credential and mobile device versions are specified by the credential provider.
- User must acquire the latest HID "Mobile Access" application available from Apple iStore or Android PlayStore.



The reader requires 12VDC for power, while the lock accepts 24VDC.

Installation Instructions SE LP10 9600 Series Exit Device With MELR

5) Product Illustrations (Rim/CVR/Mortise)

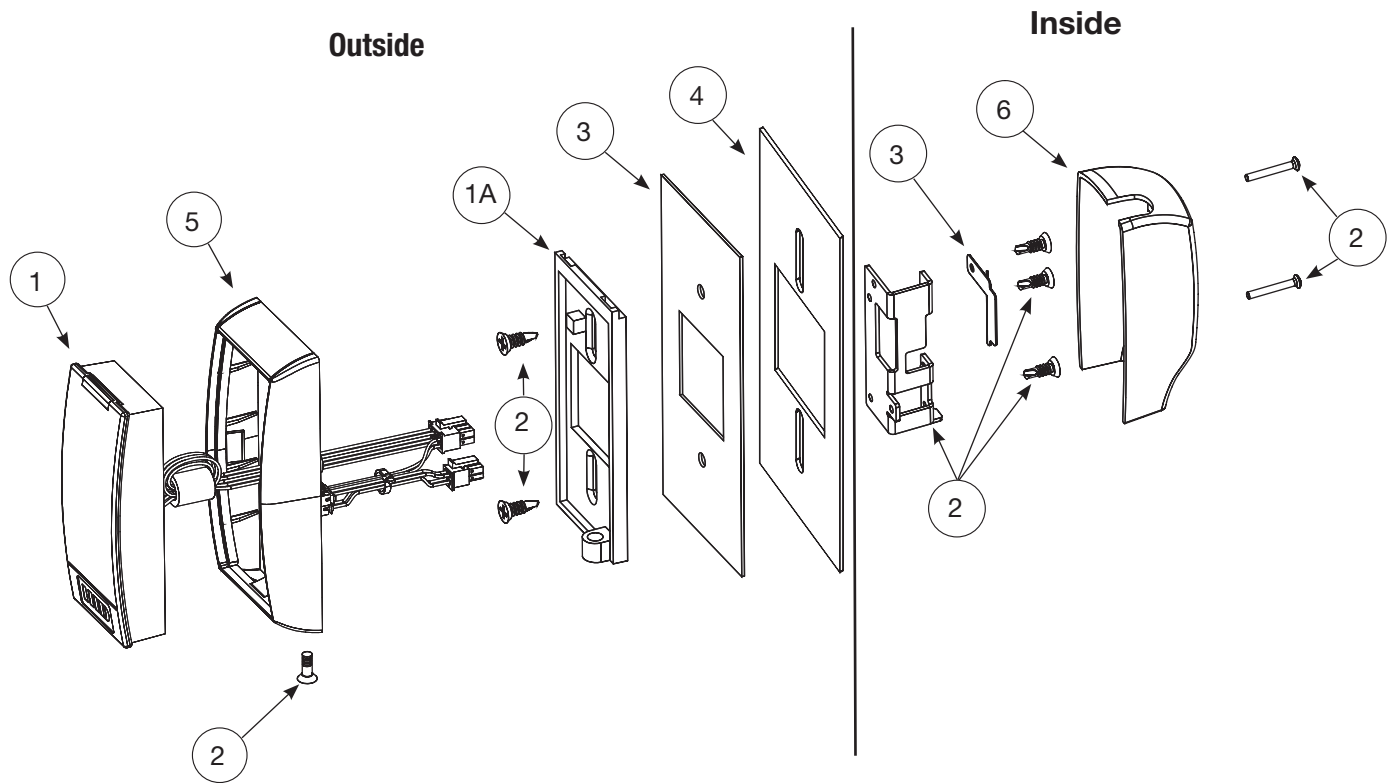


ITEM	PART #	DESCRIPTION	
1	763F809	BIPS-B03 Reader and Harness Assembly - Bluetooth (Standard Indicator Configuration)	1
	763F649	FIPS-B03 Reader & Harness Assembly - 200 bit Wiegand output	
	763F669	FIPS-B04 Reader & Harness Assembly - 75 bit Wiegand output	
	763F629	IPS-B03 Reader & Harness Assembly (Standard Indicator Configuration)	
	784F869	IPS-B0E Reader & Harness Assembly - (Alternate Indicator Configuration)	
	784F879	BIPS-B0E Reader & Harness Assembly - Bluetooth (Alternate Indicator Configuration)	
1A	--	SE Reader Mounting Plate	1
2	763F882 FIN	Mounting Packet	1
3	763F719	Fire Plate Packet	1
4	764F319	Gasket (for non fire-rated doors)	1
5	852F269	Trim Bezel- Black	1
6	743F282 FIN	Inside Escutcheon	1

Tools Required:

- #2 Phillips Screw Driver (Standard size)
- Flat Blade Screw Driver (Standard size)
- 1/8" Allen Wrench
- TR10 Torx Security Screw Driver

5) Product Illustrations (SVR)



ITEM	PART #	DESCRIPTION	
1	763F809	BIPS-B03 Reader and Harness Assembly - Bluetooth (Standard Indicator Configuration)	1
	763F649	FIPS-B03 Reader & Harness Assembly - 200 bit Wiegand output	
	763F669	FIPS-B04 Reader & Harness Assembly - 75 bit Wiegand output	
	763F629	IPS-B03 Reader & Harness Assembly (Standard Indicator Configuration)	
	784F869	IPS-B0E Reader & Harness Assembly - (Alternate Indicator Configuration)	
	784F879	BIPS-B0E Reader & Harness Assembly - Bluetooth (Alternate Indicator Configuration)	
1A	--	SE Reader Mounting Plate	1
2	763F882 FIN	Mounting Packet	1
3	763F729	Fire Plate Packet	1
4	764F319	Gasket (for non fire-rated doors)	1
5	852F269	Trim Bezel- Black	1
6	744F762 FIN	Inside Escutcheon (LHR)	1
	744F772 FIN	Inside Escutcheon (RHR)	1

Installation Instructions SE LP10 9600 Series Exit Device With MELR

6) Wiring Diagrams

Product	8 PIN CONNECTOR							4 PIN CONNECTOR				
	1-Black	2-Red	3-White	4-Green	5-Orange	6-Blue	7-Brown	8-Yellow	1-Violet	2-Gray	3-Pink	4-Tan
ACCESS CONTROL DEVICES: SE LP10 Mortise, ElectroLynx wire Color / Function assignments												
SE LP10	12VDC (Reader)		WIEGAND	WIEGAND	RX	RX	EGND	TAMPER	12/24 VDC (LOCK RELAY)		DPS	DPS
	NEG	POS	DATA_1	DATA_0	NO	COM	EGND	GREEN_LED*	NEG	POS	NC	COM
								OPEN COLLECTOR				
								INPUT				

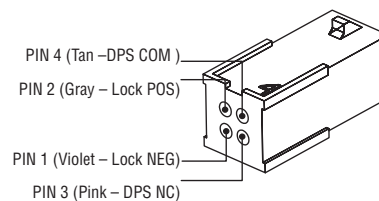
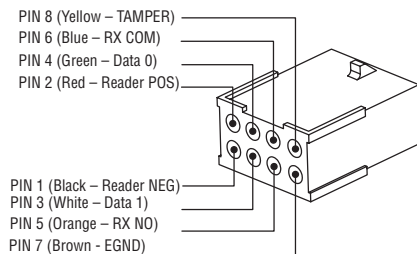
*Diagrams on following pages

Default Operation Mode:

- Red LED 'ON' when powered.
- Presenting a 13.56MHz or 125 kHz credential causes LED to briefly turn green and then return to red state.
- Presenting a FIPS 201 PIV credential causes LED to turn amber as credential is authenticated. Reader emits a short beep when credential is successfully read. Reference Diagram #1.

Optional TAMPER Operation Mode:

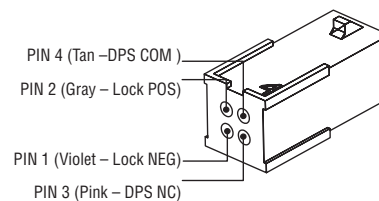
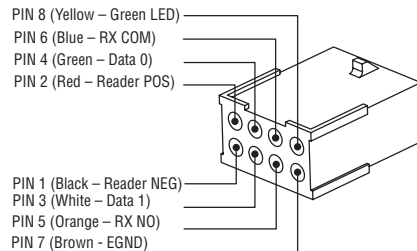
- Connect Yellow TAMPER wire from ElectroLynx cable to desired EAC panel control line. Reference Diagram #1.
- As appropriate, use the configuration card to activate desired mode on reader.



Note: NC= Normally Closed
NO= Normally Open

Optional Alternate Indicator Mode:

- Connect GREEN_LED input to switch controlled by panel. Shorting GREEN_LED to READER_NEG (Black) with panel switch will override reader LED to keep it green.



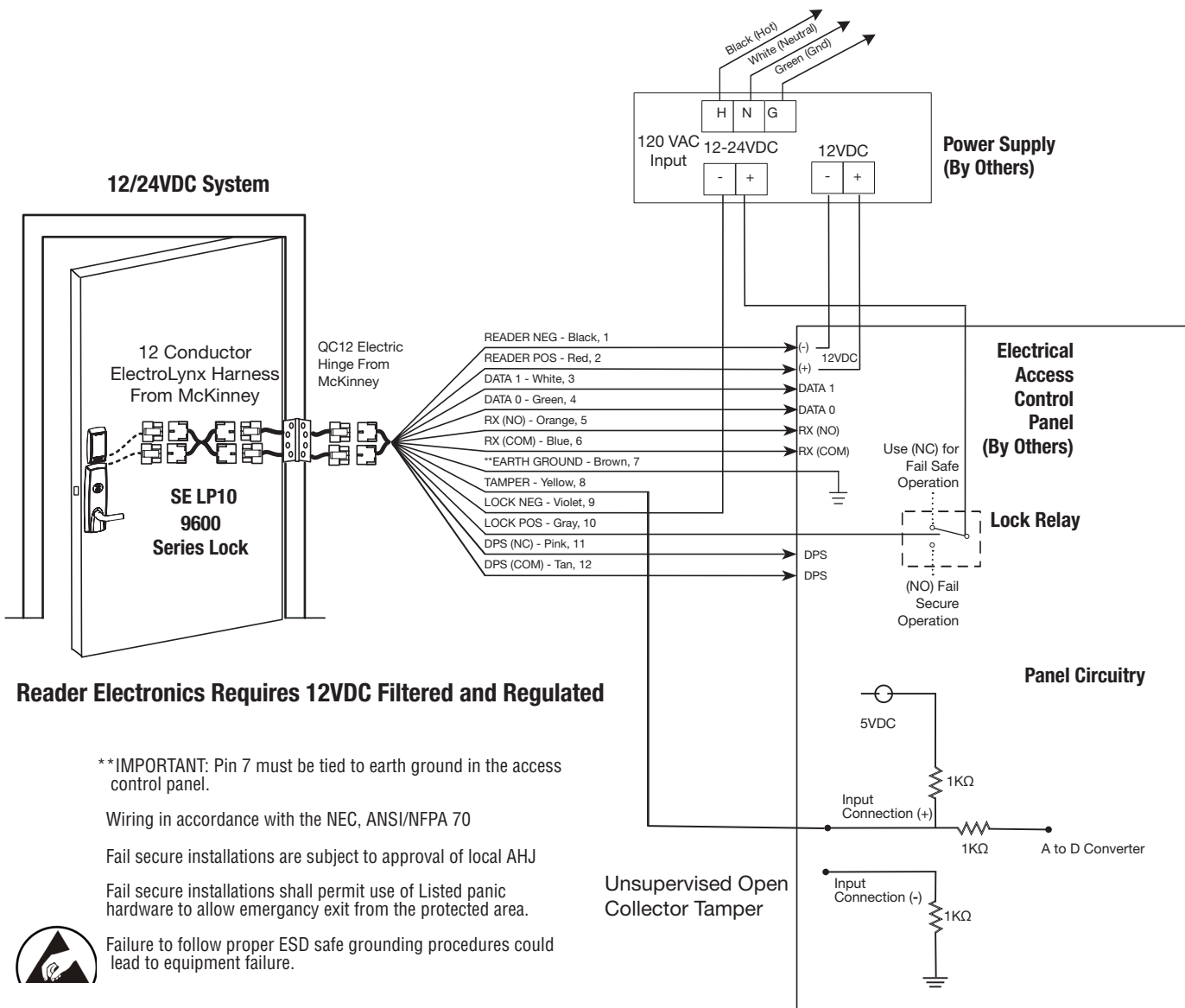
6) Wiring Diagrams (Continued)

Typical (UL294*-Compliant) SE LP10 Application Diagram #1

Tamper will trigger when reader is removed from door and tamper wiring is connected at the panel.

	12V		24V	
	Average	Peak	Average	Peak
Reader	100mA	220mA	n/a	n/a
Actuator (ET)	15mA	500mA	15mA	500mA

*UL294 is a United States based standard.



Reader Electronics Requires 12VDC Filtered and Regulated

****IMPORTANT:** Pin 7 must be tied to earth ground in the access control panel.

Wiring in accordance with the NEC, ANSI/NFPA 70

Fail secure installations are subject to approval of local AHJ

Fail secure installations shall permit use of Listed panic hardware to allow emergency exit from the protected area.



Failure to follow proper ESD safe grounding procedures could lead to equipment failure.

Unsupervised Open Collector Tamper

Installation Instructions SE LP10 9600 Series Exit Device With MELR

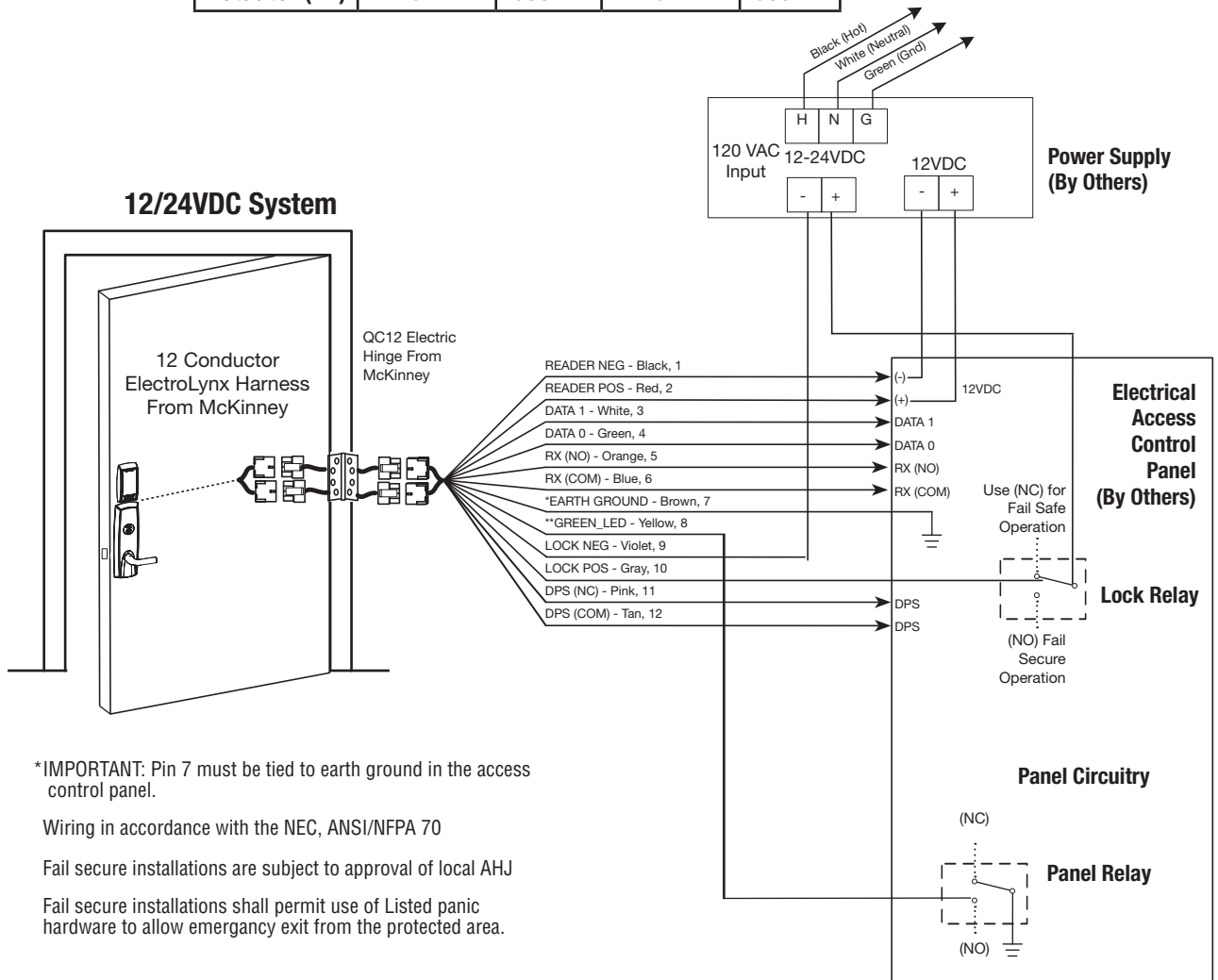
6) Wiring Diagrams (Continued)

Alternate Indicator Configuration Application Diagram #2

Connect GREEN_LED input to switch controlled by panel. Shorting GREEN_LED to READER_NEG (Black) with panel switch will override reader LED to keep it green.

Reader Electronics Requires 12VDC Filtered and Regulated

	12V		24V	
	Average	Peak	Average	Peak
Reader	100mA	220mA	n/a	n/a
Actuator (ET)	15mA	500mA	15mA	500mA



*IMPORTANT: Pin 7 must be tied to earth ground in the access control panel.

Wiring in accordance with the NEC, ANSI/NFPA 70

Fail secure installations are subject to approval of local AHJ

Fail secure installations shall permit use of Listed panic hardware to allow emergency exit from the protected area.



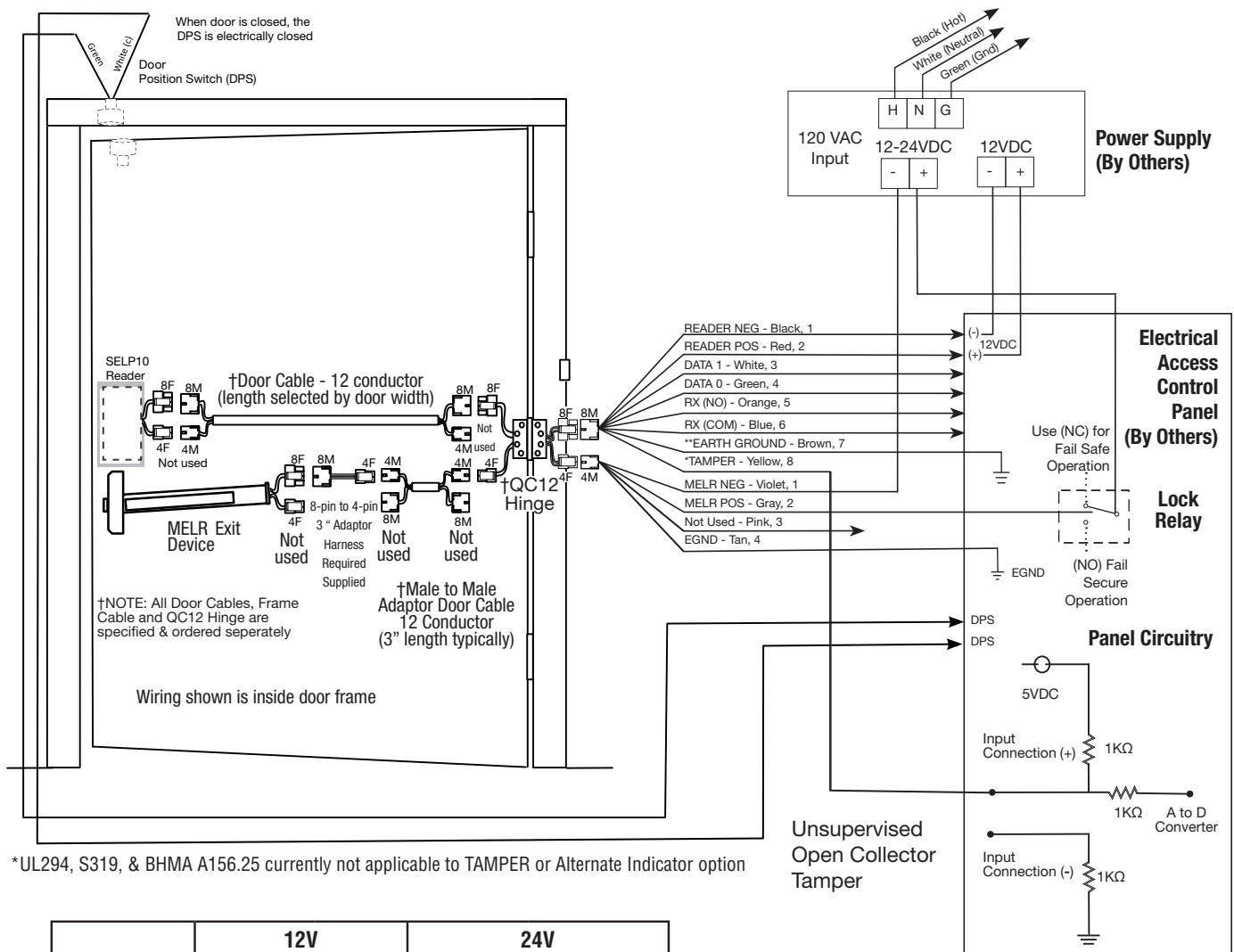
Failure to follow proper ESD safe grounding procedures could lead to equipment failure.

**UL294, S319, & BHMA A156.25 currently not applicable to Alternate Indicator option

6) Wiring Diagrams (Continued)

Product	8 PIN CONNECTOR							4 PIN CONNECTOR				
	1-Black	2-Red	3-White	4-Green	5-Orange	6-Blue	7-Brown	8-Yellow	1-Violet	2-Gray	3-Pink	4-Tan
ACCESS CONTROL DEVICES: SE LP10 Mortise, ElectroLynx wire Color / Function assignments												
SE LP10 MELR	12VDC (Reader)		WIEGAND	WIEGAND	RX	RX	EGND	TAMPER	12/24 VDC (LOCK RELAY)		DPS	DPS
	NEG	POS	DATA_1	DATA_0	NO	COM	EGND	GREEN_LED*	NEG	POS	NC	COM
								OPEN COLLECTOR INPUT				

SE LP10 (MELR) Application Diagram #3 (12/24VDC System)



	12V		24V	
	Average	Peak	Average	Peak
Reader	100mA	220mA	n/a	n/a
MELR	n/a	n/a	250mA dogged	1A inrush 600mA during retraction

Wiring in accordance with the NEC, ANSI/NFPA 70

Fail secure installations are subject to approval of local AHJ

Fail secure installations shall permit use of Listed panic hardware to allow emergency exit from the protected area.



Failure to follow proper ESD safe grounding procedures could lead to equipment failure.

Installation Instructions SE LP10 9600 Series Exit Device With MELR

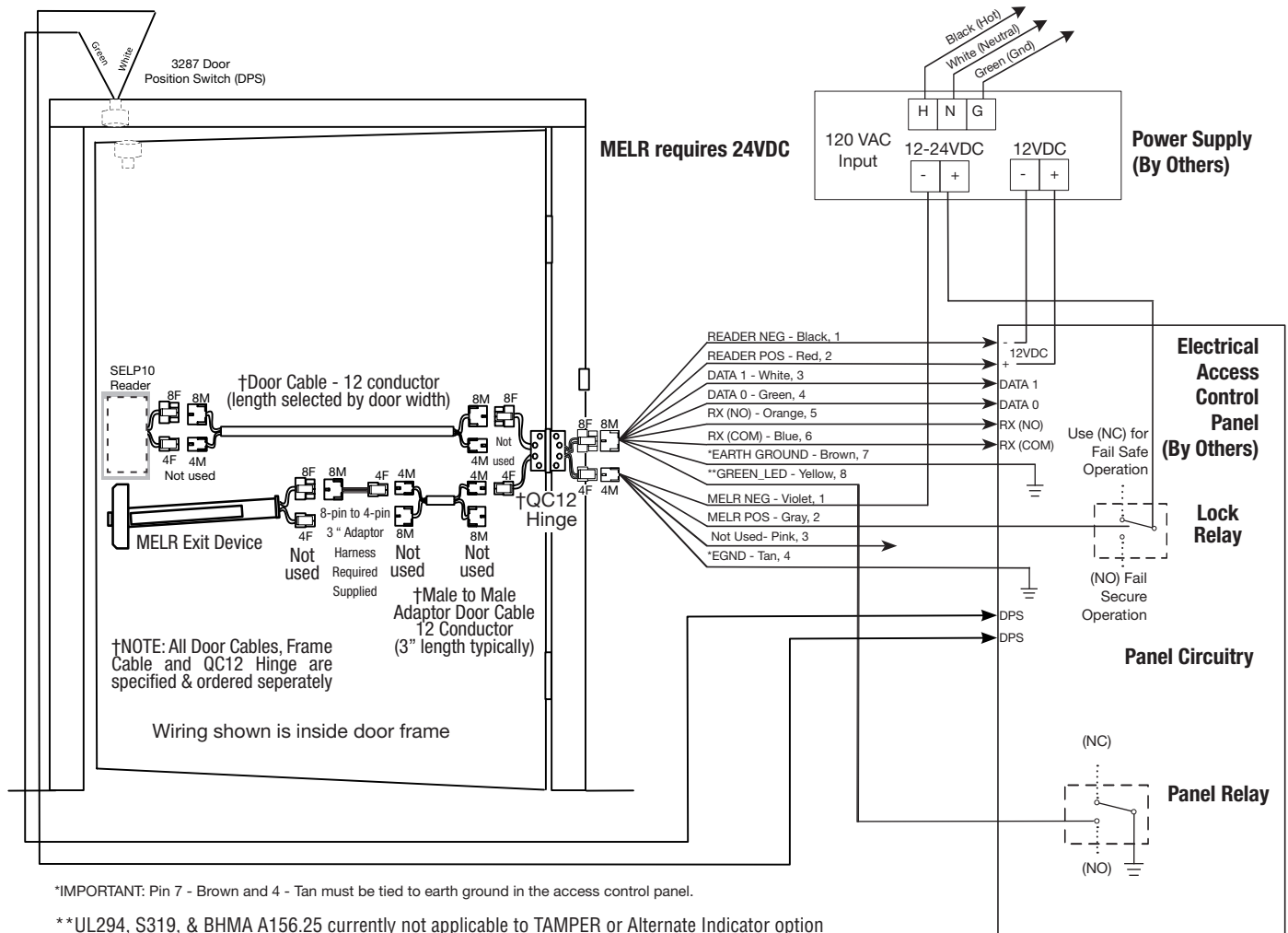
6) Wiring Diagrams (Continued)

Alternate Indicator Configuration Application Diagram #4

Connect GREEN_LED input to switch controlled by panel. Shorting GREEN_LED to READER_NEG (Black) with panel switch will override reader LED to keep it green.

Reader Electronics Requires 12VDC Filtered and Regulated

	12V		24V	
	Average	Peak	Average	Peak
Reader	100mA	220mA	n/a	n/a
MELR	15mA	500mA	15mA	500mA



7) Installation Instructions

1. Verify Hand and Bevel of door:

Door should be fitted and hung.
Verify box label for size of exit device,
function and hand.

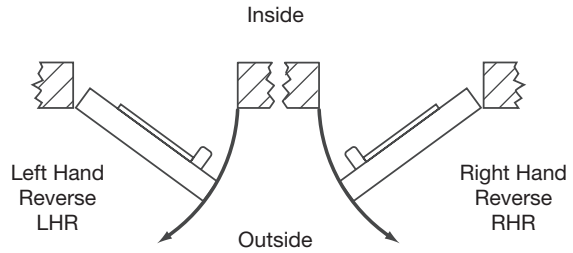


Fig. 1

2. Prep door according to supplied door markers:

Outside - **FM382** for Rim/SVR/CVR; **FM386** for Mortise.

Inside - **FM387**

NOTE: Reference the following instructions for rail installation:

FM156 Rim (standard)

FM532 Rim (SecureBolt®)

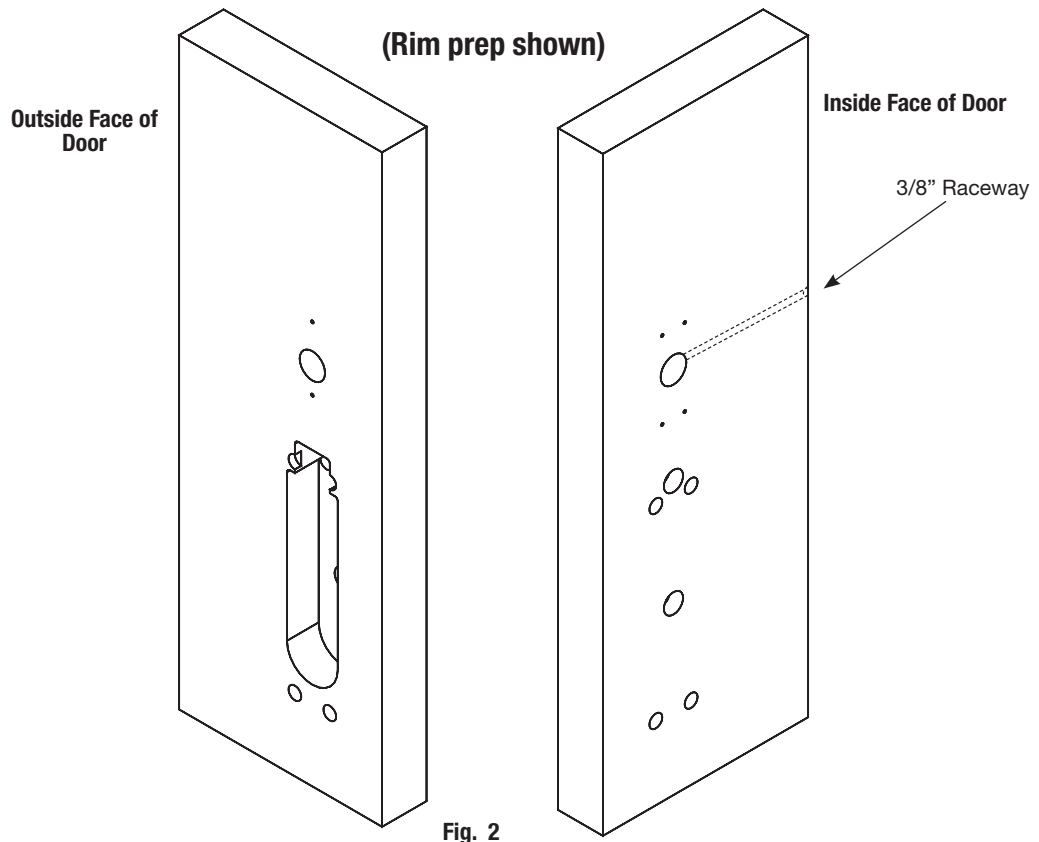
FM164 SVR

FM171 CVR

FM168 Mortise

For door manufacturer templates visit www.corbinrusswin.com and reference template numbers:

	Wood	Metal
Rim	T31215	T31216
CVR	T31215	T31216
SVR	T31218	T31219
Mortise	T31217	

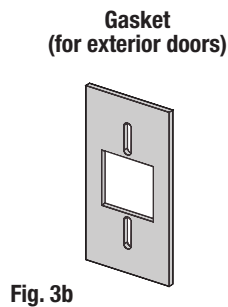


Installation Instructions SE LP10 9600 Series Exit Device With MELR

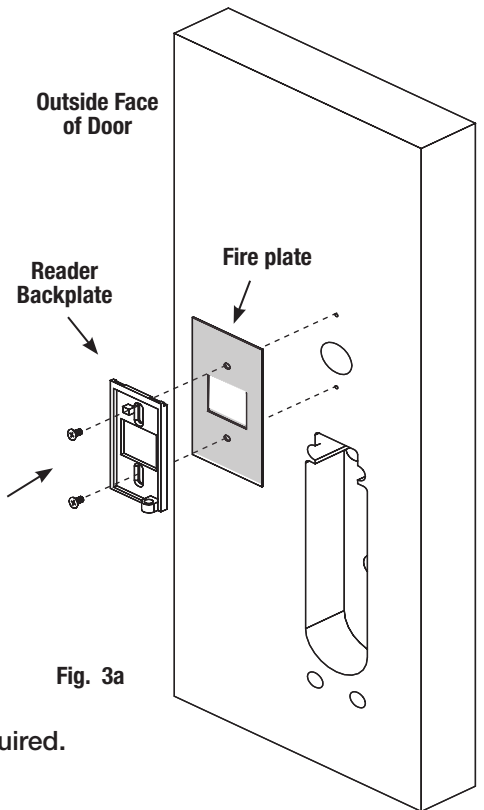
7) Installation Instructions (Continued)

3. Install Reader Backplate and (Optional*) Fire Shield or Gasket

1. For fire-rated doors only, install reader backplate and fire shield to door using two (2) #8-18 x 5/8" Phillips flat head self-drilling screws (Fig. 3a).
2. For exterior doors, install reader backplate and gasket using two (2) #8-18 x 5/8" Phillips flat head self-drilling screws (Fig. 3b).
3. For non-fire rated interior doors, no fire shield or gasket is required; simply install backplate using two (2) #8-18 x 5/8" Phillips flat head self-drilling screws.



(2) #8 x 5/8" Phillips flat head
self-drilling screws



*For non-fire rated interior doors, no fire shield or gasket is required.

4. Install SE LP10 Reader and Trim Bezel:



Observe precautions for handling electrostatic sensitive devices.

If the SE LP10 reader is installed with a module (Fig. 4a), make sure that the reader is powered down when inserting/removing the module; i.e., do not "hot-plug" (remove/insert while reader is powered) module as it may damage the reader.

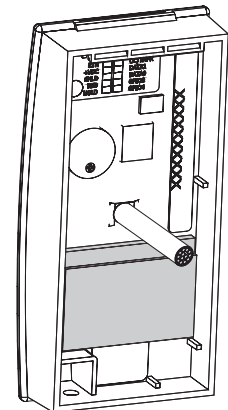


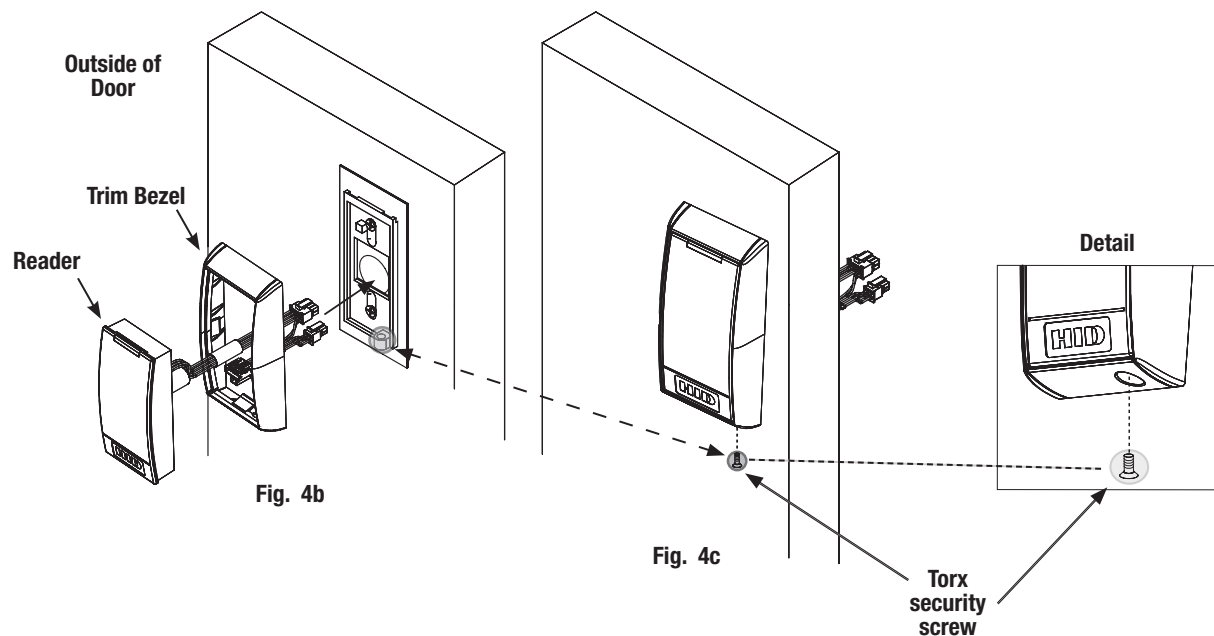
Fig. 4a

7) Installation Instructions (Continued)

4. Install SE LP10 Reader and Trim Bezel (Continued):

1. Fit trim bezel around the reader. Ensure access hole in the bezel aligns with screw hole on reader. The reader should be mounted so holes face bottom of door (Fig 4b).
2. Align top of reader with top of backplate. Pivot the reader down until seated. Guide wires as needed to avoid pinching.
3. Secure the reader with (1) #6-32 x 3/8" Phillips or anti-tamper security torx screw to the mounting plate (Fig 4b, c).

Rim/SVR/CVR shown, assembly is same for mortise



Installation Instructions SE LP10 9600 Series Exit Device With MELR

7) Installation Instructions (Continued)

5. Trim Assembly Instructions:

- a. Check cylinder components:
Cylinders longer than 1-1/8" (29mm) require collars.
Refer to Cylinder Collar Chart (Fig. 5a).
(for Mortise, skip to Step 6)

Cylinder Collar Chart		
Cylinder Length		Collar
Inches	Millimeters	
1-1/8"	29mm	None
1-1/4"	32mm	422F88*
1-1/2"	38mm	686F98*

*Specify Finish

Fig. 5a

- b. If required, modify by cutting cylinder tailpiece:
Correct length is 1/16" to 3/16" (2 to 5mm)
beyond cylinder housing cam.
- c. Assemble cylinder:

1. Insert cylinder housing prongs into matching notches of escutcheon.
2. Pass cylinder tailpiece through cylinder collar (if required) and slot in cylinder cam.
3. Fasten cylinder in escutcheon recess or collar using 2 mounting screws.

Do not overtighten screws.

- d. Escutcheon Assembly (Fig. 5b):

The lever is handed (LHR shown).

Note: Lever Return Spring handing can be identified by color of the spring:

- LHR: Part Number 651F618 (Red)
- RHR: Part Number 651F628 (Blue)

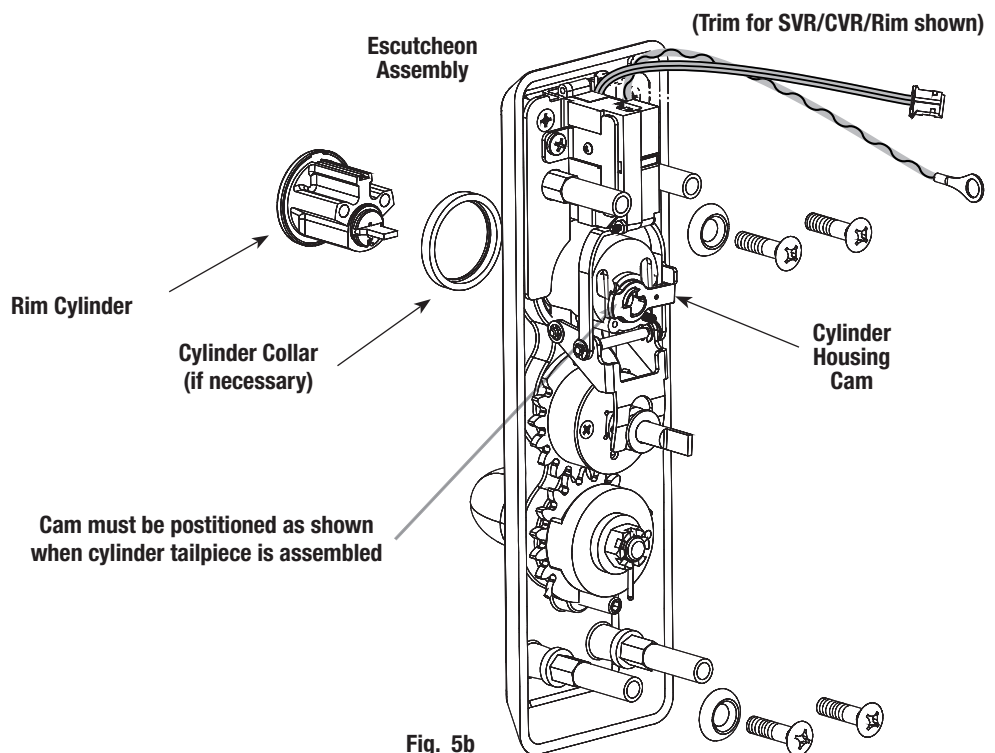


Fig. 5b

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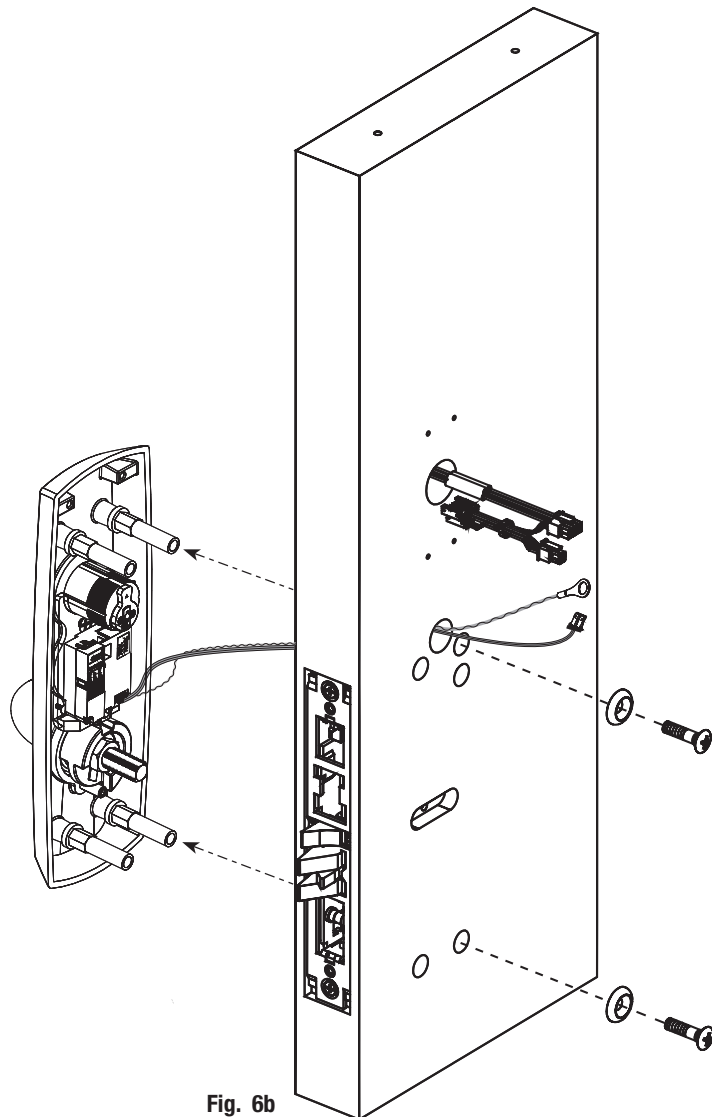
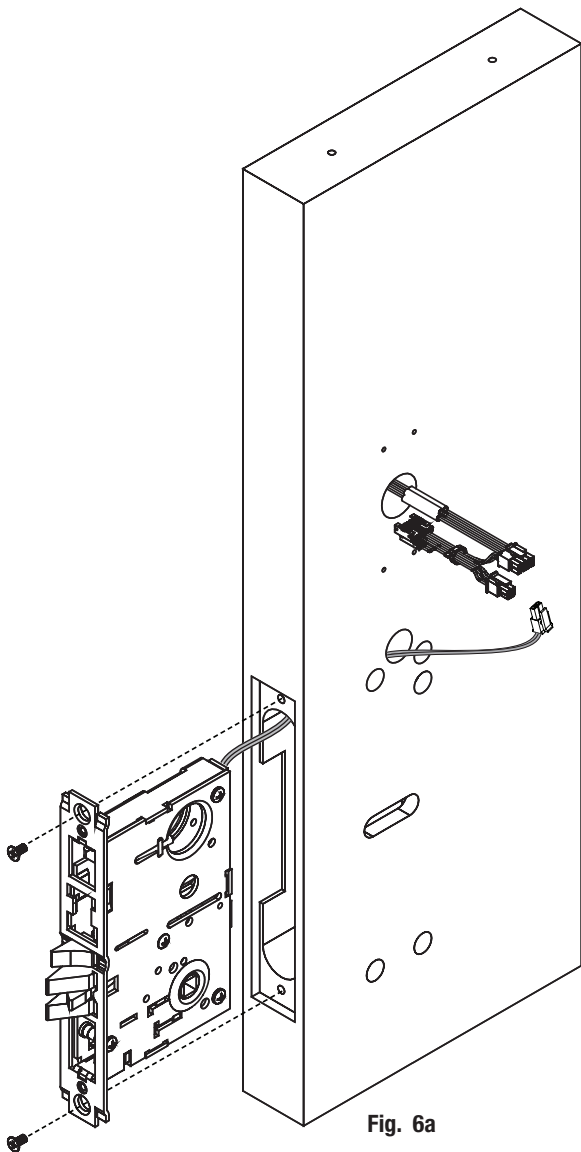
7) Installation Instructions (Continued)

6. Install Mortise and Outside Trim Assembly:

Install mortise lock following FM168 instructions, but do not install armored front at this time.

- a. Feed lock wire through wire harness hole; seat lockbody firmly into mortised pocket (Fig. 6a).
- b. Mount trim to door.
- c. Fasten trim assembly to door using (2) 1/4-20 oval head screws and (2) finish washers (Fig. 6b).

Note: Finger tighten only.



7) Installation Instructions (Continued)

6. Install Mortise and Outside Trim Assembly (Continued):

- d. Tighten down set screw to prevent cylinder movement (Fig. 6c).
- e. Install armored front (Fig. 6d).

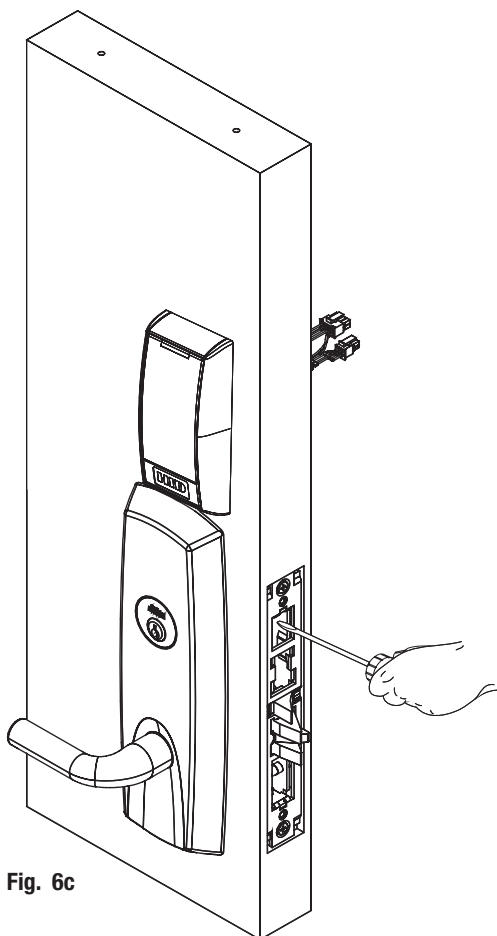


Fig. 6c

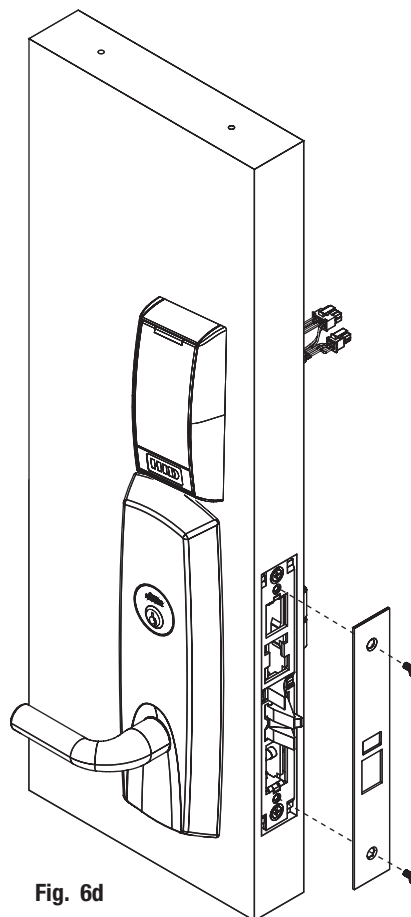


Fig. 6d

7) Installation Instructions (Continued)

7. Install Outside Trim Assembly (Rim/CVR/SVR):

- a. Make sure tailpiece is oriented vertically.
- b. Feed trim wire harness through wire harness hole (Fig. 7).
- c. Mount trim assembly to door pulling slack wire towards device side of door.
Note: Be careful not to pinch wire harness.
- d. When mounting trim, lift tailpiece to pass through hole on device side (Fig. 7).
Note: Ensure tailpiece is still oriented vertically.
- e. Fasten trim assembly to door using (2) 1/4-20 oval head screws and (2) finish washers (Fig. 7).
Note: Finger tighten only.

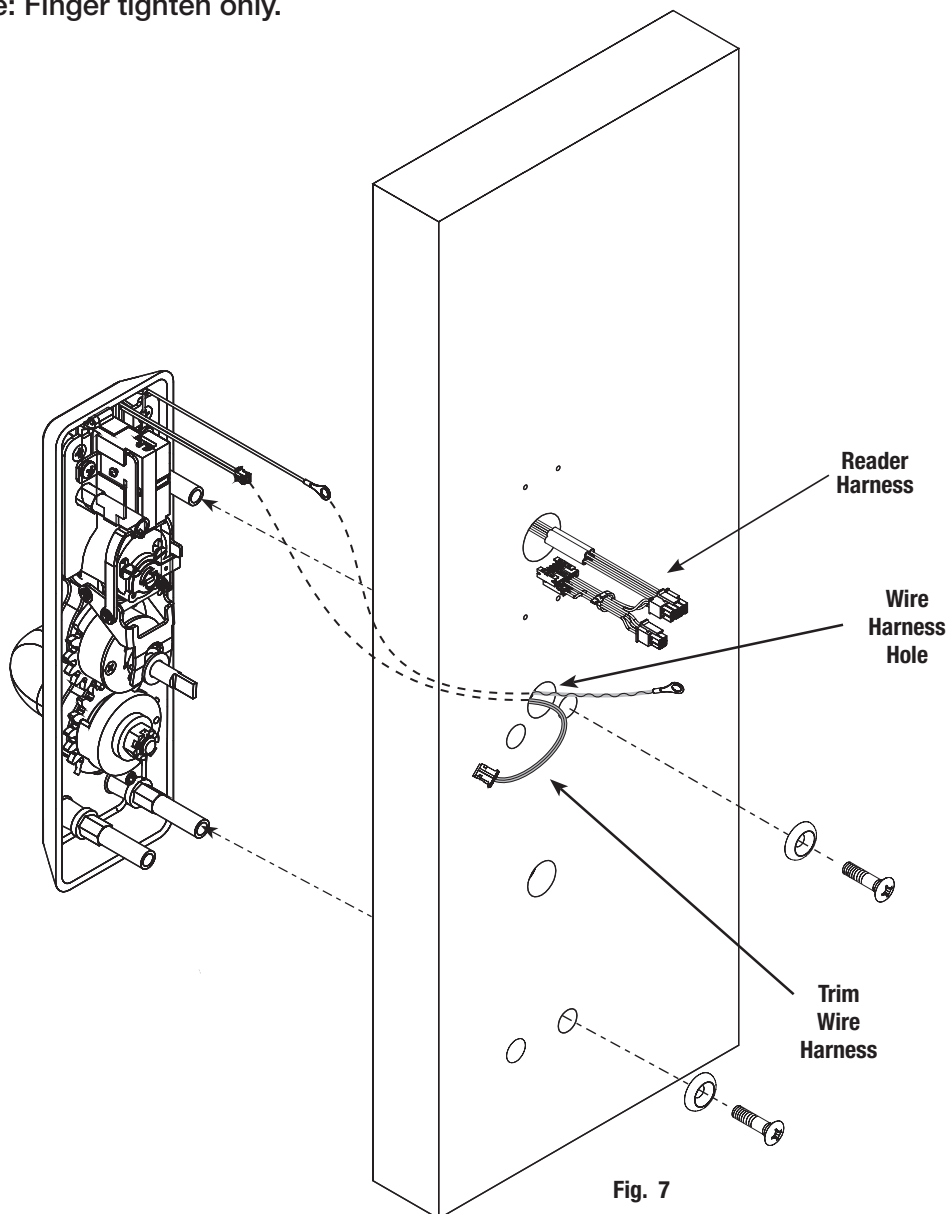


Fig. 7

Installation Instructions SE LP10 9600 Series Exit Device With MELR

7) Installation Instructions (Continued)

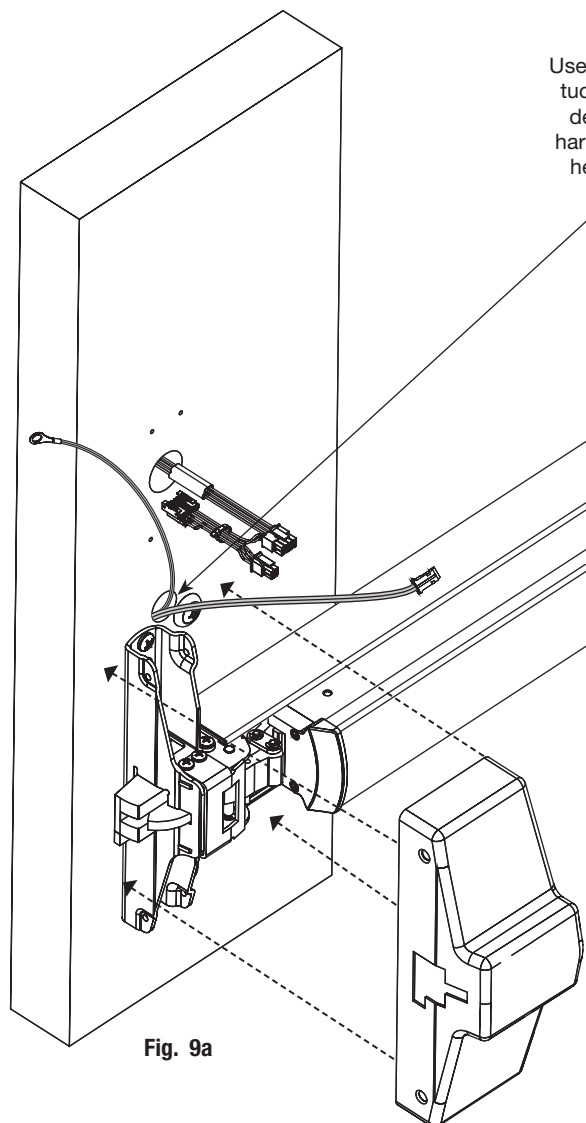
8. Install Exit Device:

Follow instructions packed with device to secure device to door.

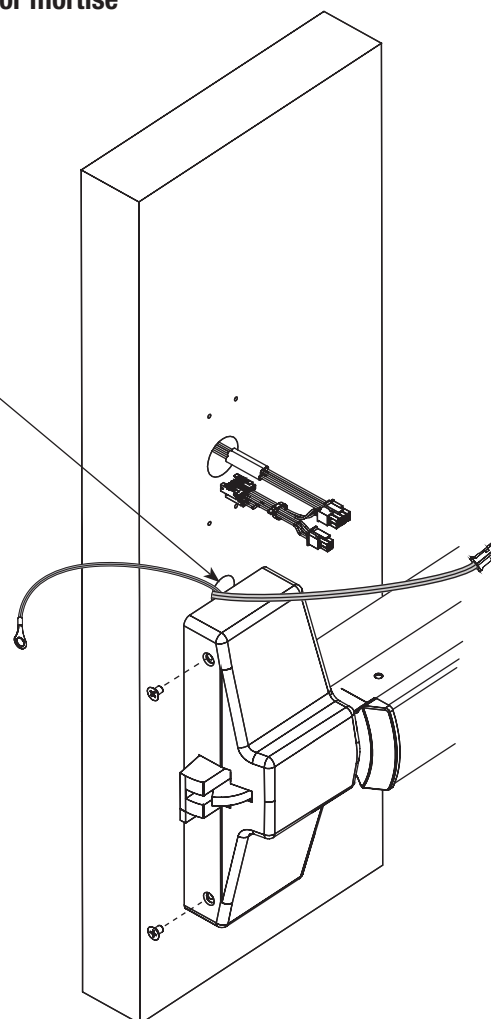
9. Install Head Cover:

- Lay wire device harnesses across $\frac{3}{4}$ " hole (Fig. 9a).
- Tuck wires into hole when installing cover so that wires are not pinched between head cover and door.
- Attach head cover using (2) #8-32 flat head screws (Fig. 9b).

Rim/SVR/CVR shown, assembly is same for mortise



Use $\frac{3}{4}$ " hole to
tuck trim and
device wire
harness under
head cover



7) Installation Instructions (Continued)

10. Install Mounting Plate:

a. Feed reader harness through mounting plate (Fig. 10a, b).

b. For Rim, CVR and Mortise:

Begin to secure mounting plate to inside door surface by fastening (2) Phillips flat head machine screws to lower right and left holes on mounting plate (Fig. 10a).

c. For SVR:

Secure mounting plate to inside door surface by fastening (2) Phillips flat head machine screws to holes on mounting plate (Fig. 10b)

Configuration for Rim/CVR/Mortise

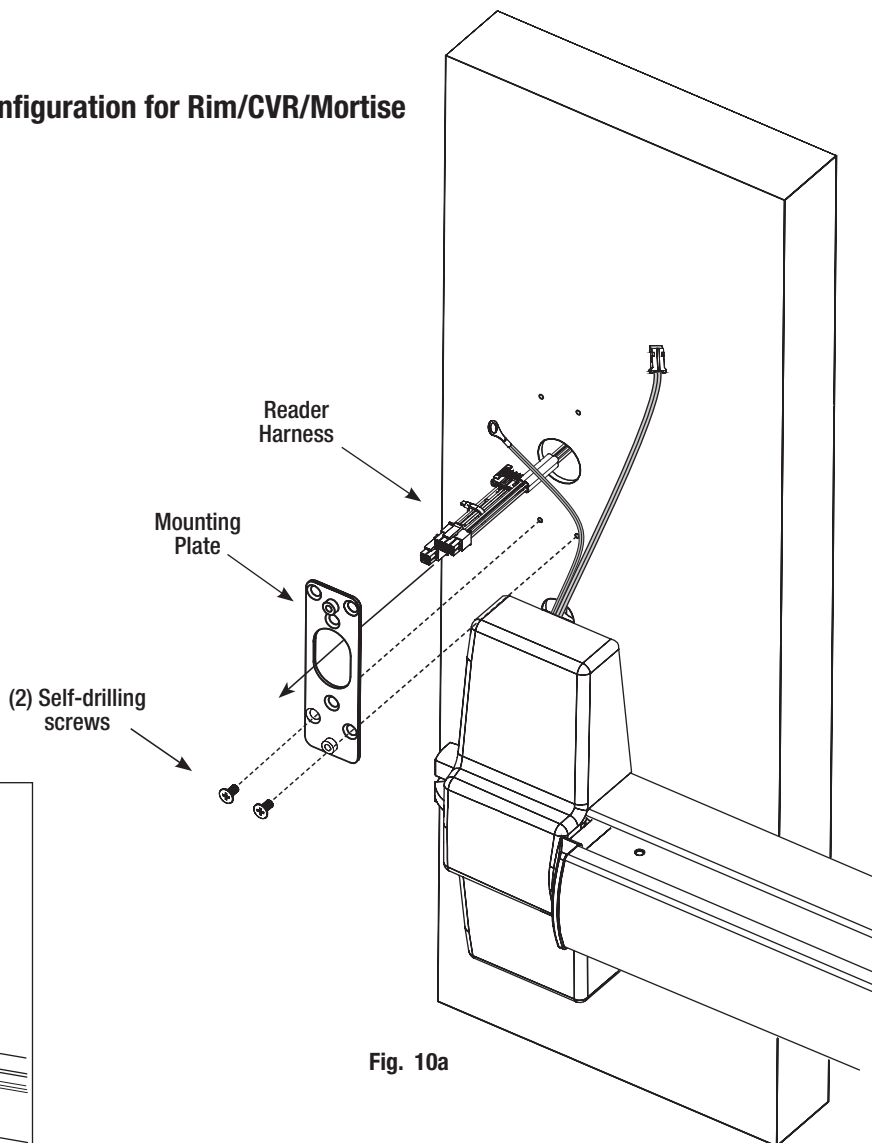


Fig. 10a

Configuration for SVR

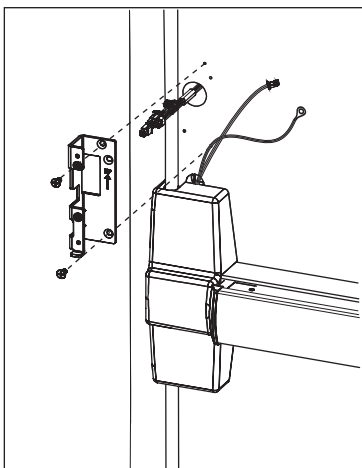


Fig. 10b

7) Installation Instructions (Continued)

11. Connector Attachments:

- a. Connect 6-pin connector from exit device to 6-pin connector on reader harness (Fig. 11a, b).
- b. Connect 2-pin connector from exit device to 2-pin connector on reader harness (Fig. 11a, b).

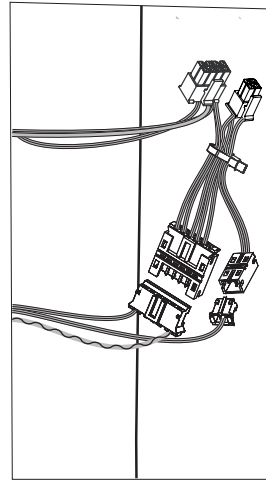


Fig. 11a

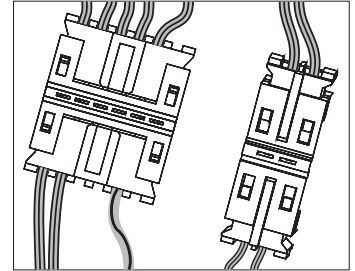


Fig. 11b

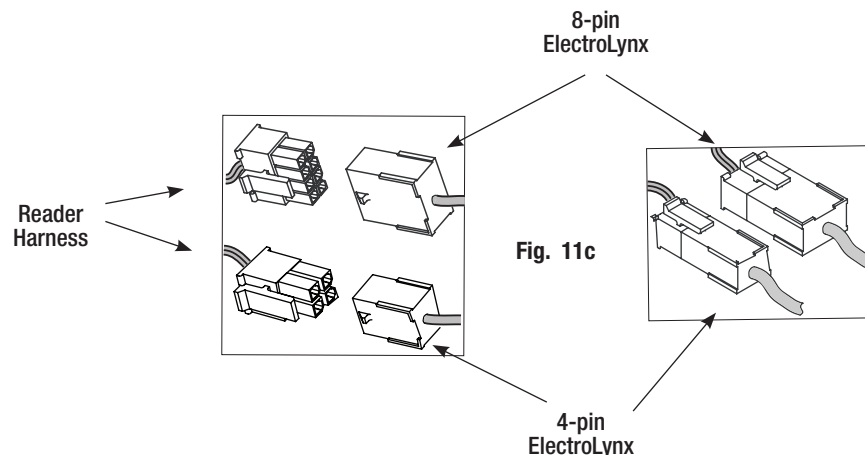
For the following refer to [page 17](#) for ElectroLynx door harness and lock interface:

- c. Connect ElectroLynx® 4- and 8-pin connectors from the door harness to (black) 4- and 8-pin connectors of the reader harness (Fig. 11c).

Carefully tuck connected harnesses into one-inch hole in door.

NOTE: Neatly fold the wires into the remaining space to prevent pinching wires when mounting inside escutcheon.

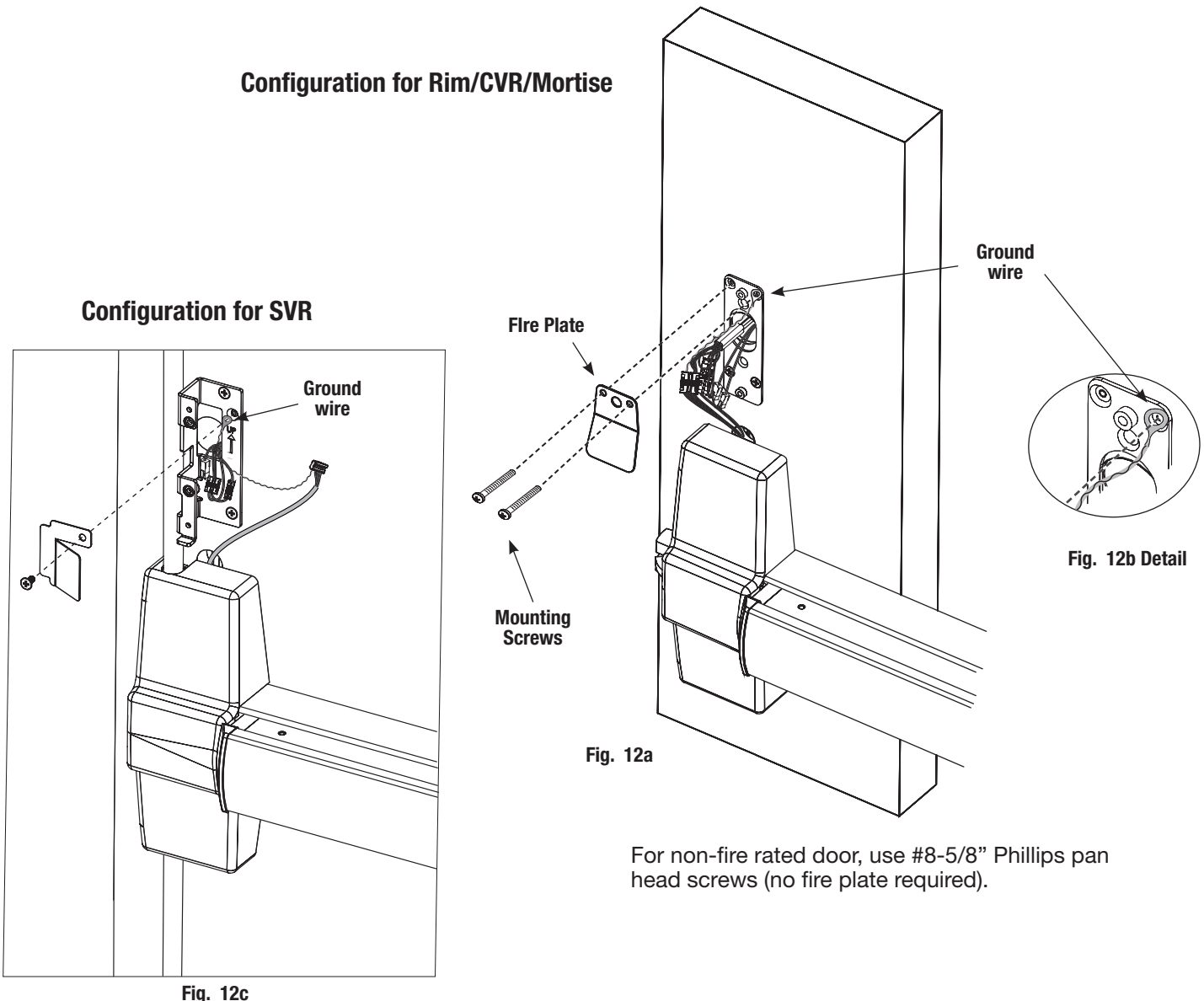
Do not offset connectors and be sure they are completely seated.



7) Installation Instructions (Continued)

12. Install Mounting Plate and (optional) Fire plate:

- a. **NOTE: For fire-rated doors only.** Secure mounting plate and fire plate using (2) #8 1-1/4" Phillips pan head self-drilling screws provided (Fig. 12a). Ensure wires from reader are properly routed under flap of fire plate.
- b. Secure mounting plate using (2) remaining Phillips flat head self-drilling screws provided. Ensure wires from reader are properly routed under flap of fire plate.
- c. Place ground wire eyelet between upper right mounting plate hole and screw when securing mounting plate (and fire plate if used) to door (Fig. 12a, b).



Installation Instructions SE LP10 9600 Series Exit Device With MELR

7) Installation Instructions (Continued)

13. Install Inside Escutcheon:

Check electrical connections.

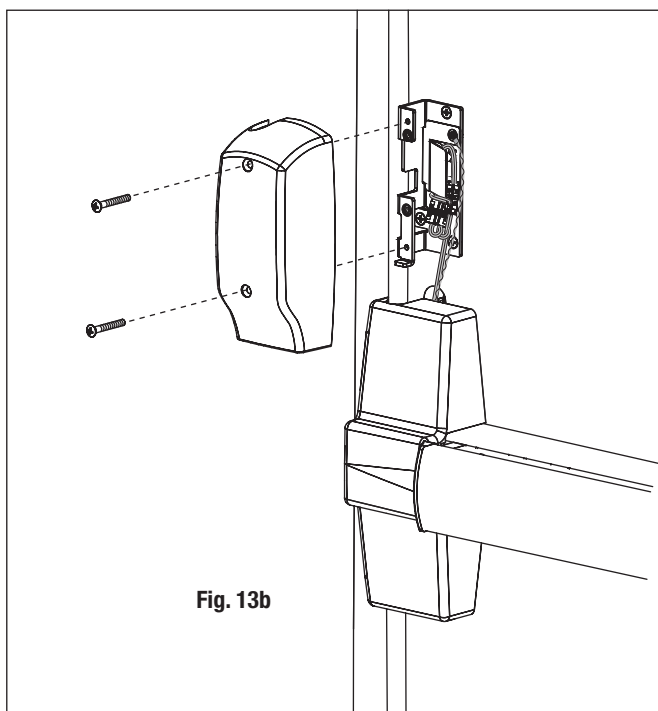
- Feed excess ElectroLynx® wire harness back into door.
- Feed excess trim and exit device harnesses under head cover.
- Install inside escutcheon using (2) #8-32 x 5/8" oval head screws (Fig. 13a).

Note: Be careful not to pinch wires between escutcheon and door surface.

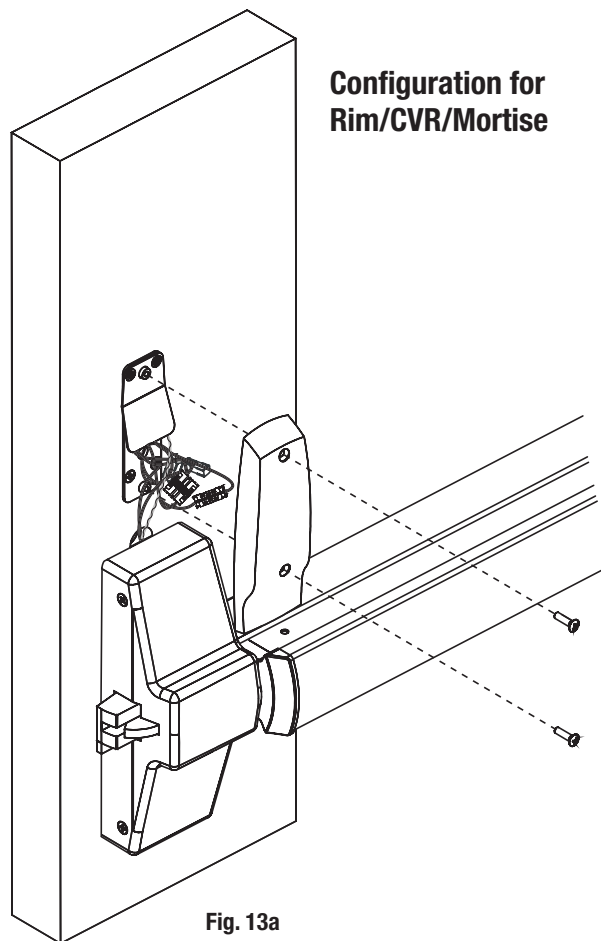
CAUTION:

- Neatly fold wires onto themselves and into the remaining space to prevent pinching wires when mounting escutcheon.

Configuration for SVR



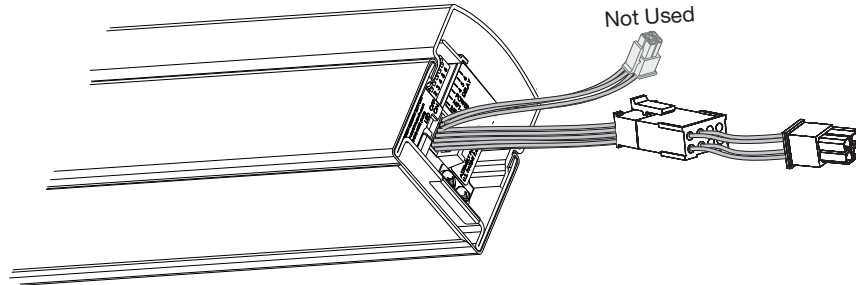
Configuration for Rim/CVR/Mortise



8) MELR Exit Device Configuration and Operational Check

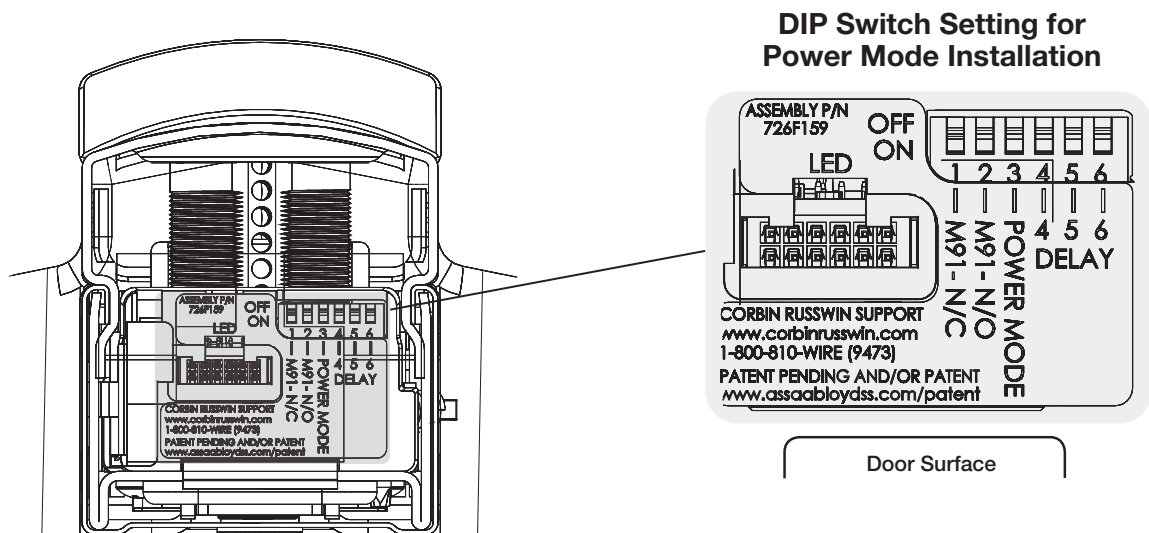
Configuration Check

- Do not install the end cap until electrical operation is verified in order to confirm LED signaling.
- Do not discard the end cap and hardware.



- Locate controller at end of rail (Fig. 12A).
- Ensure 'Power Mode' is set to ON as shown in Detail 12B.

NOTE: For more information, refer to FM434A MELR Exit Devices Installation & Wiring Instructions.

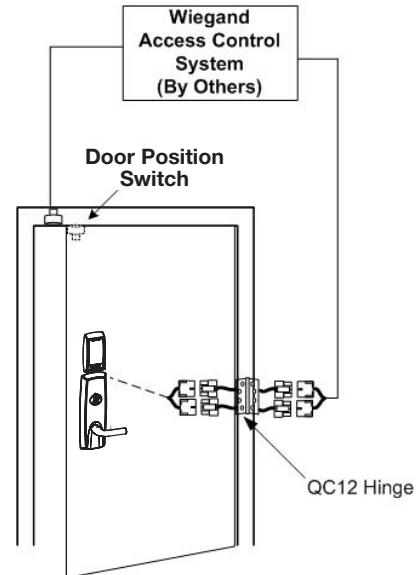


>> Reference Section 5 - Wiring Diagrams for wiring device to EAC panel <<

Installation Instructions SE LP10 9600 Series Exit Device With MELR

9) Door Position Switch Installation

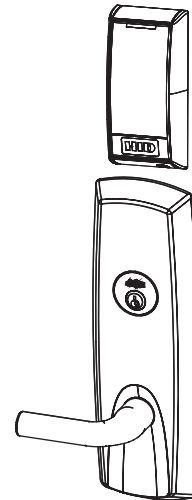
- a. Install Door Position Switch supplied with product:
 - Drill 1" hole in door for magnet
 - Drill 1" hole in frame for switch
- b. Wire to ElectroLynx® frame harness as shown in wiring diagram on previous page.



10) Operational Check

- a. Insert key into cylinder and rotate.
- b. With key rotated turn lever and check that latch retracts.
- c. Check that push bar fully retracts the latch.
- d. Close door: Ensure latch fully extends into strike and does not bind.

Note: For fail safe trim cylinder will have to be tested after wiring is complete and power is turned on.



10) Operational Check (Continued)

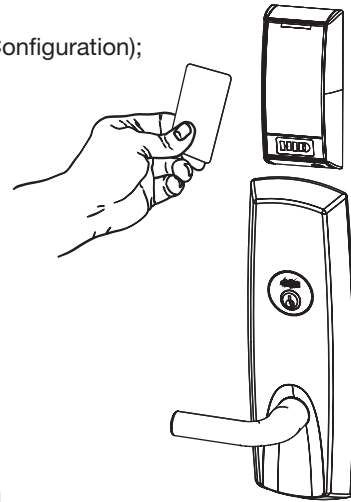
NOTE: Ensure LED operates as configured*:

- LED remains green when panel asserts GREEN_LED signal

*For configurations with GREEN_LED override enabled (Alternate Indicator Configuration); see Application Diagram #2 in Section 6.

Note: Once electrical wiring has been successfully completed according to proper application, perform the following:

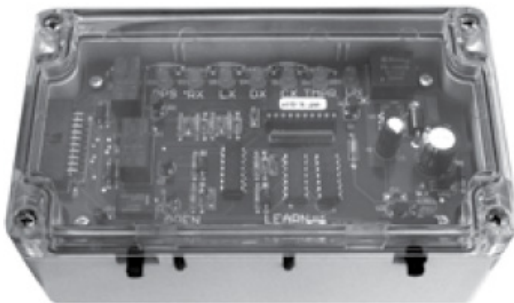
- Turn power ON.
- Verify LED located on reader is ON (Red or Green) depending on reader configuration
- Present valid credential and verify LED and sounder activity.
- Verify valid card read at EAC Panel.
- Verify system operation functions; i.e., when valid credential is presented to reader the door unlocks.



Wiegand Test Unit

The ASSA ABLOY Wiegand Test Unit verifies your installation in the field*. The test unit checks for proper wiring, card reader data integrity, lock functionality including lock/unlock, door position status, and request-to-exit (REX) status.

In addition, this tool provides product demonstration abilities to highlight the product's features and capabilities.



*For directions on use, see operating instructions provided with unit.

Feature	WT1	WT2
12 or 24VDC solenoid lock voltage adjustable	X	X
Operates as Fail Safe or Fail Secure	X	X
"Learn" mode allows testing of specific cards without programming at panel level	X	X
Card reader data integrity is validated at test unit	X	X
Displays detailed Wiegand data, including hexadecimal string and total bits received		X
Displays measured end-of-line resistor values (if applicable)		X

Installation Instructions SE LP10 9600 Series Exit Device With MELR



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, locks, perimeter fencing, access control and service.

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For installation assistance contact Corbin Russwin
1-800-810-WIRE (9473) • techsupport.corbinrusswin@assaabloy.com

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