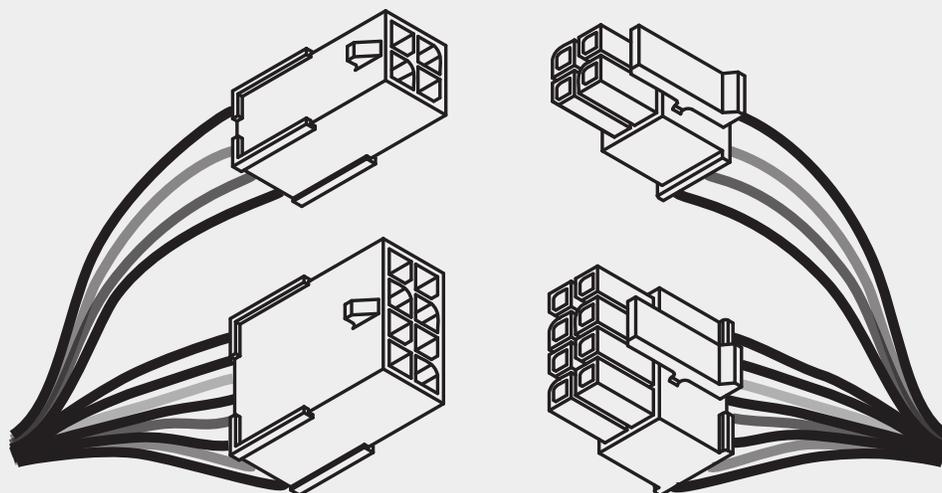


# Allegion Connect

Technical Manual



**This manual covers the Allegion Connect products in multiple brands.  
See the table of contents to locate the desired brand information.**

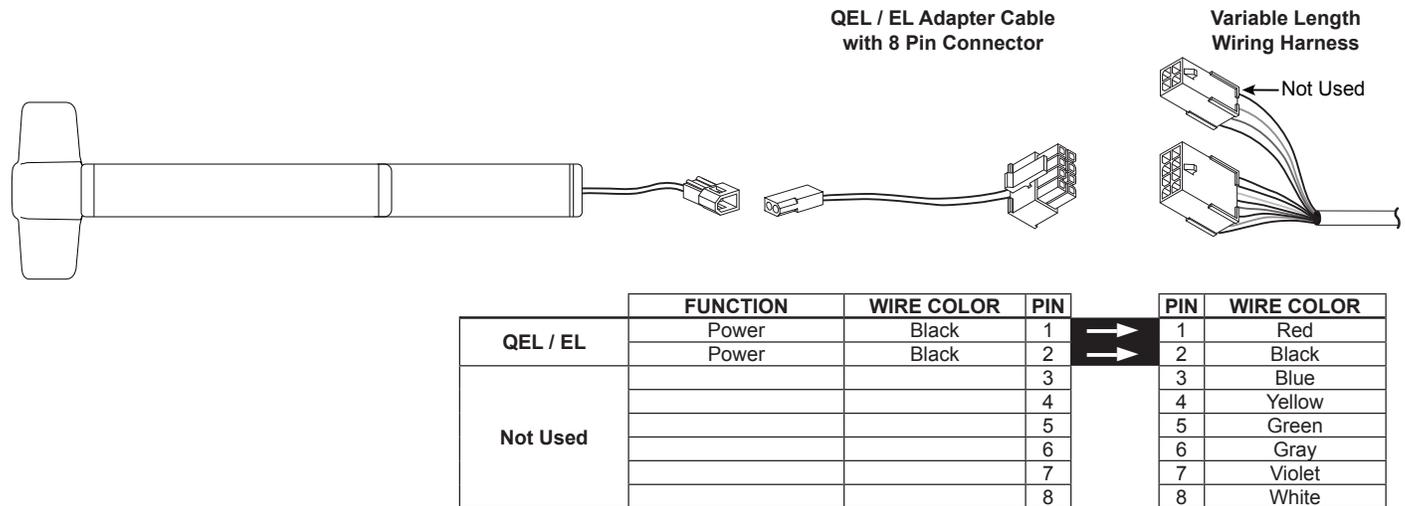
# Contents

- 3 Von Duprin Products
  - 3 Overview
  - 3 Wiring Harnesses
  - 4 QEL / EL Exit Device
  - 4 QEL / EL (RX / LX / RX-LX) Exit Device
  - 5 RX / LX / RX-LX Exit Device
  - 5 New CX (Chexit Exit Device)
  - 6 Old CX (Chexit Exit Device)
  - 6 E7500 Mortise Lock
  - 7 SS7500 Mortise Lock
  - 7 E996 Trim
  - 8 ALK Exit Device
  - 8 6000 Series Electric Strikes
- 9 Schlage Products
  - 9 L Series Locks
  - 9 ND Series Locks
- 10 Falcon Products
  - 10 Overview
  - 10 Wiring Harnesses
  - 11 EL Exit Device
  - 11 RX Exit Device
  - 12 LM Exit Device
  - 12 DM Exit Device
  - 13 FSA/FSE Trim (510L / 511L / 512TP / 513K)
  - 14 T-Series Electrified Locks (T851 / T881)
  - 15 Typical Wiring Diagram DC Lock
  - 16 MA-Series Electrified Lock (MA851 / MA881)
- 17 Ives Products
  - 17 TW8 and TW12 Electrified Hinge
  - 18 700-TW8 and 700CS-TWP Continuous Hinge
- 19 Connector Kit



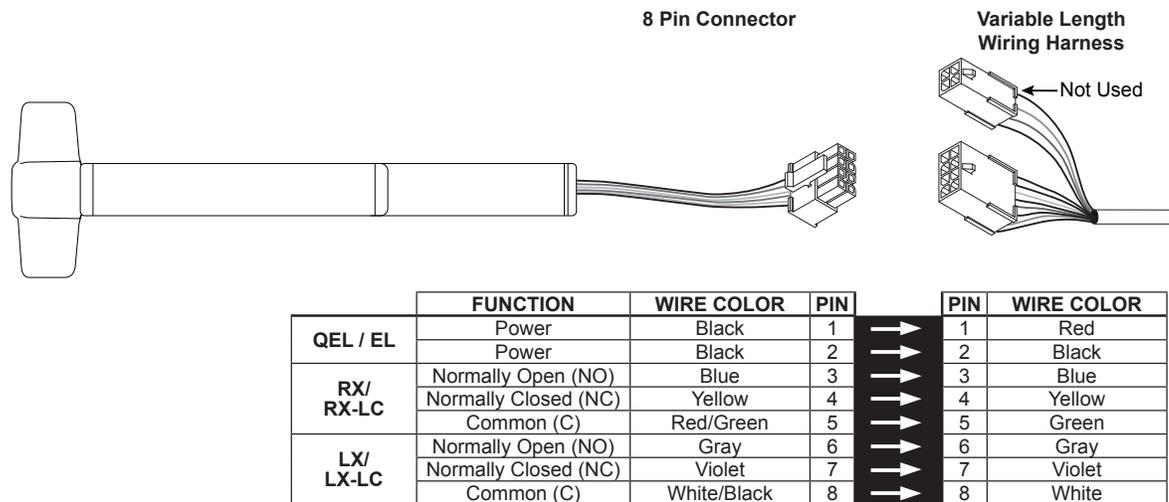
## QEL / EL Exit Device

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



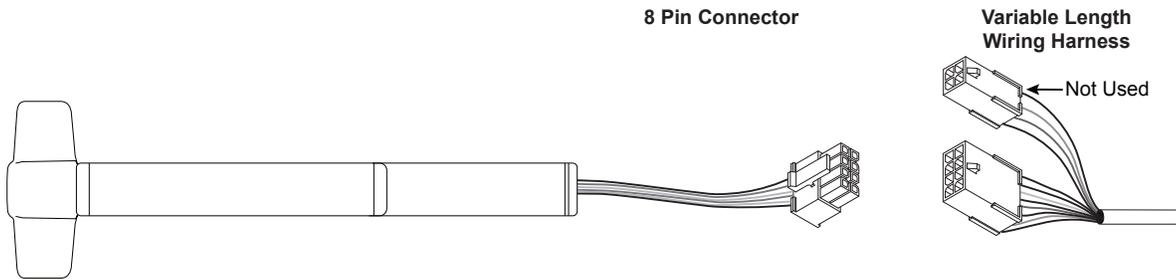
## QEL / EL (RX / LX / RX-LX) Exit Device

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



## RX / LX / RX-LX Exit Device

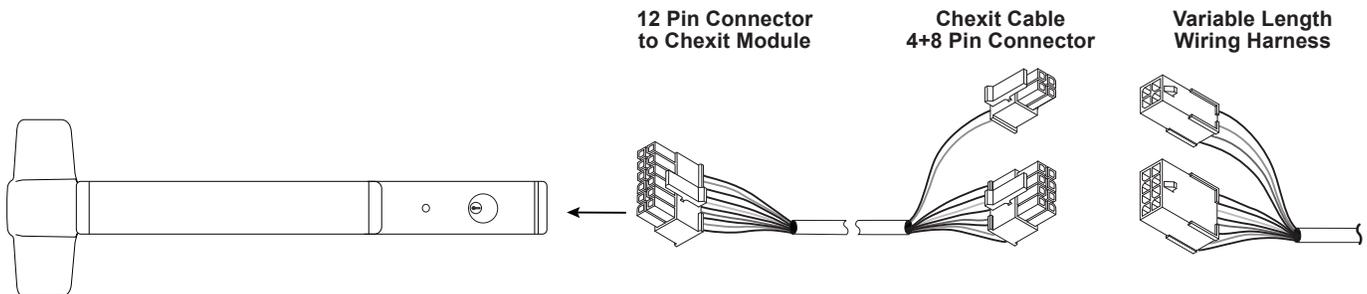
See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
<b>Not Used</b>			1		1	Red
			2		2	Black
			3	→	3	Blue
<b>RX/ RX-LC</b>	Normally Open (NO)	Blue	4	→	4	Yellow
	Normally Closed (NC)	Yellow	5	→	5	Green
	Common (C)	Red/Green	6	→	6	Gray
<b>LX LX-LC</b>	Normally Open (NO)	Gray	7	→	7	Violet
	Normally Closed (NC)	Violet	8	→	8	White
	Common (C)	White/Black				

## New CX (Chexit Exit Device) - 12 Pin Connector

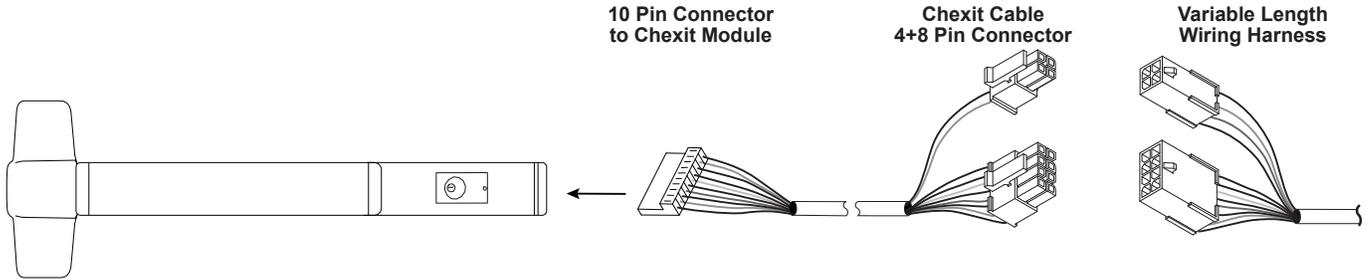
See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



FUNCTION		WIRE COLOR	PIN		PIN	WIRE COLOR
Door Position Switch Input	DPS	Orange	1	→	1	Orange
Alarm Relay Output	NO/NC	Brown	2	→	2	Brown
Unused Wires		Pink	3	→	3	Pink
Unused Wires		Tan	4	→	4	Tan
Power Supply +24V Input	24VDC	Red	1	→	1	Red
Power Supply Ground	GND	Black	2	→	2	Black
Alarm Relay Output	COM	Blue	3	→	3	Blue
Fire Alarm Input	FA	Yellow	4	→	4	Yellow
Inhibit Input	INH	Green	5	→	5	Green
Gang Input/Output	GNG	Gray	6	→	6	Gray
Secure Relay Output	NO/NC	Violet	7	→	7	Violet
Secure Relay Output	COM	White	8	→	8	White

## Old CX (Chexit Exit Device) - 10 Pin Connector

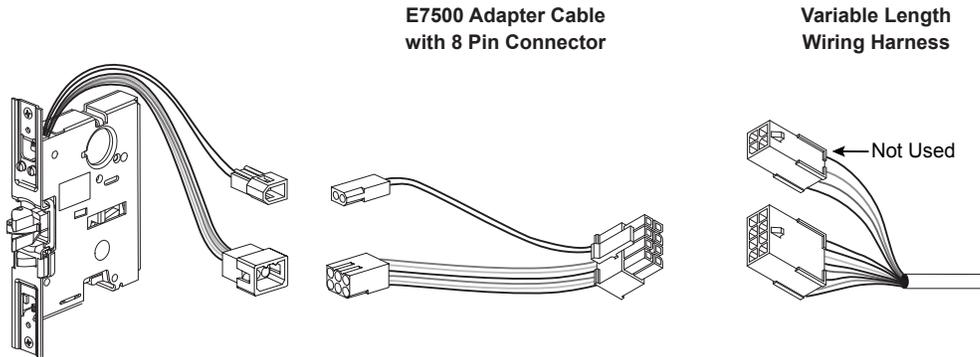
See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



FUNCTION		WIRE COLOR	PIN		PIN	WIRE COLOR	
Door position switch input; 0 VDC = door open, 24 VDC = door closed	DPS	Orange	1	→	1	Orange	
	Normally open output; closes during alarm	NO	Brown	2	→	2	Brown
			3	→	3	Pink	
			4	→	4	Tan	
Power supply +24 VDC		+24	Red	1	→	1	Red
Power supply ground		GND	Black	2	→	2	Black
Common for NO output; 24 VDC, 1 A maximum		C	Blue	3	→	3	Blue
Fire alarm input; 0 VDC = fire, 24 VDC = no fire		FA	Yellow	4	→	4	Yellow
External inhibit input; 0 VDC = Chexit inhibited, 24 VDC = Chexit active		EI	Green	5	→	5	Green
Communication line; used to connect to Chexits		CM+	Gray	6	→	6	Gray
Communication line; used to connect to Chexits		CM-	Violet	7	→	7	Violet
Signal common +24 VDC; can be used to power FA, DPS and EI inputs		SC	White	8	→	8	White

## E7500 Mortise Lock

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



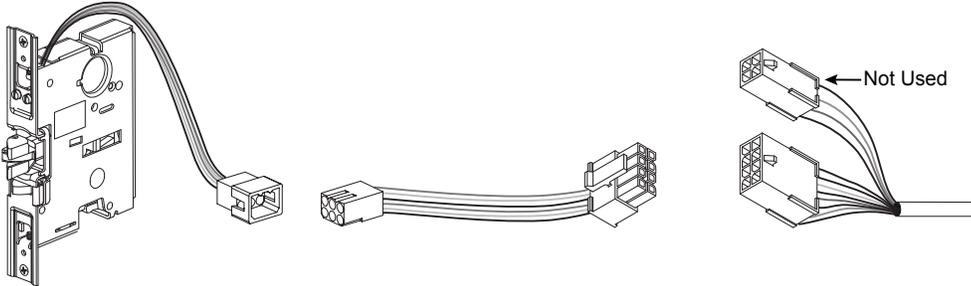
	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
<b>E7500 Solenoid</b>	Power	Black	1	→	1	Red
	Power	Black	2	→	2	Black
<b>S1- monitors auxiliary bolt and latch bolt</b>	Normally Closed (NC)	Blue	3	→	3	Blue
	Normally Open (NO)	Yellow	4	→	4	Yellow
	Common (C)	Red	5	→	5	Green
<b>S2- monitors trim inputs (locked or unlocked)</b>	Normally Closed (NC)	Gray	6	→	6	Gray
	Normally Open (NO)	Violet	7	→	7	Violet
	Common (C)	White	8	→	8	White

## SS7500 Mortise Lock

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

**SS7500 Adapter Cable with 8 Pin Connector**

**Variable Length Wiring Harness**



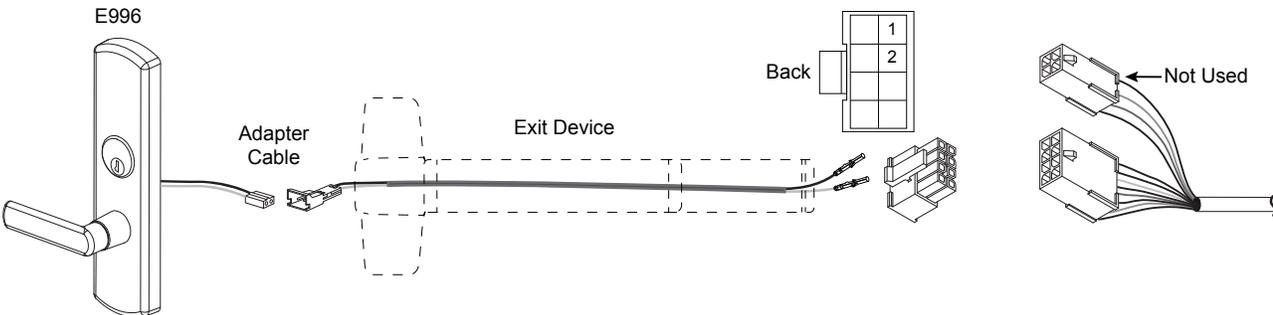
	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
<b>Not Used</b>			1		1	Red
			2		2	Black
			3		3	Blue
<b>S1- monitors auxiliary bolt and latch bolt</b>	Normally Closed (NC)	Blue	4	→	4	Yellow
	Normally Open (NO)	Yellow	5	→	5	Green
	Common (C)	Red	6	→	6	Gray
<b>S2- monitors trim inputs (locked or unlocked)</b>	Normally Closed (NC)	Gray	7	→	7	Violet
	Normally Open (NO)	Violet	8	→	8	White
	Common (C)	White				

## E996 Trim

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.

**8 Pin Connector**

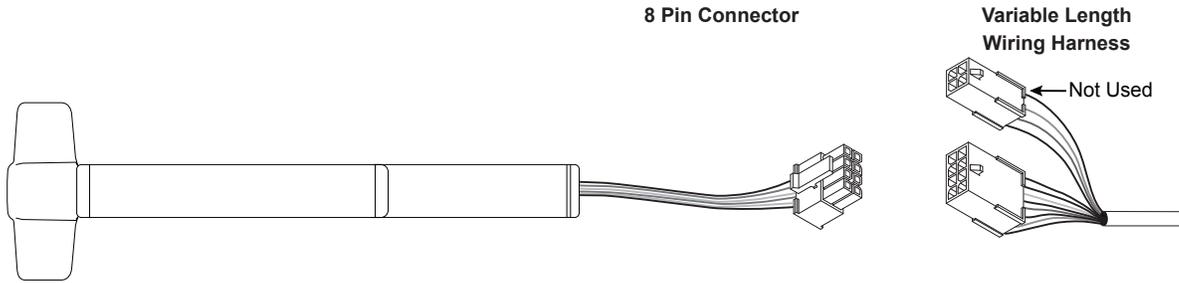
**Variable Length Wiring Harness**



	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
<b>E996</b>	Power	White	1	→	1	Red
	Power	Black	2	→	2	Black
<b>Not Used</b>			3		3	Blue
			4		4	Yellow
			5		5	Green
			6		6	Gray
			7		7	Violet
			8		8	White

## ALK Exit Device

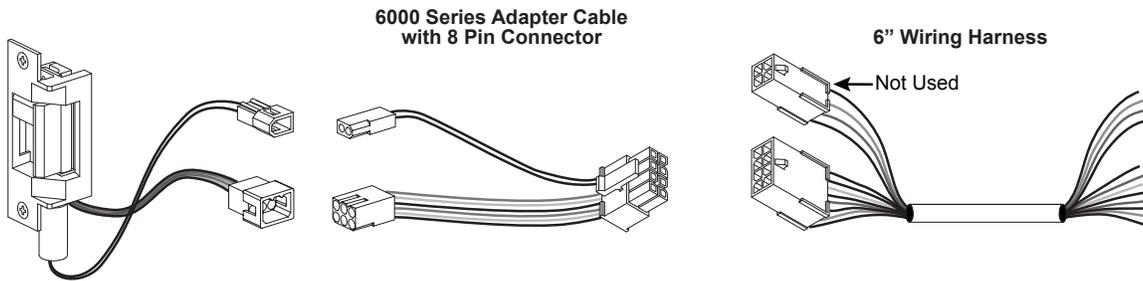
See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
ALK	To Power Supply +24VDC	Red	1	→	1	Red
	Power Supply Ground	Black	2	→	2	Black
	External Inhibit +	Blue	3	→	3	Blue
	External Inhibit -	Yellow	4	→	4	Yellow
Not Used			5		5	Green
			6		6	Gray
			7		7	Violet
			8		8	White

## 6000 Series Electric Strikes

See page 3 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



		FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR	
Fail Secure (FSE)	DS Models Only	Solenoid	Power	Black	1	→	1	Red
			Power	Black	2	→	2	Black
	S1- monitors tripper	Normally Closed (NC)	Blue	3	→	3	Blue	
		Normally Open (NO)	Yellow	4	→	4	Yellow	
		Common (C)	Red	5	→	5	Green	
	S2- monitors strike lip	Normally Closed (NC)	Gray	6	→	6	Gray	
		Normally Open (NO)	Violet	7	→	7	Violet	
		Common (C)	White	8	→	8	White	

		FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR	
Fail Safe (FS)	DS Models Only	Solenoid	Power	Black	1	→	1	Red
			Power	Black	2	→	2	Black
	S1- monitors tripper	Normally Closed (NC)	Blue	3	→	3	Blue	
		Normally Open (NO)	Yellow	4	→	4	Yellow	
		Common (C)	Red	5	→	5	Green	
	S2- monitors strike lip	Normally Open (NO)	Gray	6	→	6	Gray	
		Normally Closed (NC)	Violet	7	→	7	Violet	
		Common (C)	White	8	→	8	White	

## L Series Locks

**Power Only - 9080EL/EU, 9082EL/EU**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	White	1	Red	1
	Power	White	2	Black	2
Not Used			3	Blue	3
			4	Yellow	4
			5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

**Power + RX - 9080EL/EU RX, 9082EL/EU RX**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	White	1	Red	1
	Power	White	2	Black	2
RX	Normally Open (NO)	Yellow	3	Blue	3
	Normally Closed (NC)	Blue	4	Yellow	4
	Common (C)	Black	5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

**Power + RX + LM - 9080EL/EU RX LM, 9082EL/EU RX LM**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	White	1	Red	1
	Power	White	2	Black	2
RX	Normally Open (NO)	Yellow	3	Blue	3
	Normally Closed (NC)	Blue	4	Yellow	4
	Common (C)	Black	5	Green	5
			6	Gray	6
Latch Bolt Monitor	Normally Open (NO)	Purple	6	Gray	7
	Normally Closed (NC)	Gray	7	Violet	7
	Common (C)	White	8	White	8

## ND Series Locks

**Power Only - 12EL/EU, 80EL/EU, 96 EL/EU**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	Yellow	1	Red	1
	Power	Yellow	2	Black	2
Not Used			3	Blue	3
			4	Yellow	4
			5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

**Power + RX - 12EL/EU RX, 80EL/EU RX, 96 EL/EU RX**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	Yellow	1	Red	1
	Power	Yellow	2	Black	2
RX	Normally Open (NO)	Purple	3	Blue	3
	Normally Closed (NC)	Gray	4	Yellow	4
	Common (C)	White	5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

**Power + RX + LM - 12EL/EU RX LM, 80EL/EU RX LM, 96 EL/EU RX LM**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	White	1	Red	1
	Power	White	2	Black	2
RX	Normally Open (NO)	Yellow	3	Blue	3
	Normally Closed (NC)	Blue	4	Yellow	4
	Common (C)	Black	5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

**Power + RX - 12EL/EU RX, 80EL/EU RX, 96 EL/EU RX**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	Yellow	1	Red	1
	Power	Yellow	2	Black	2
RX	Normally Open (NO)	Purple	3	Blue	3
	Normally Closed (NC)	Gray	4	Yellow	4
	Common (C)	White	5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

**Power + RX + LM - 12EL/EU RX LM, 80EL/EU RX LM, 96 EL/EU RX LM**

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	White	1	Red	1
	Power	White	2	Black	2
RX	Normally Open (NO)	Yellow	3	Blue	3
	Normally Closed (NC)	Blue	4	Yellow	4
	Common (C)	Black	5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

## Overview

### Device

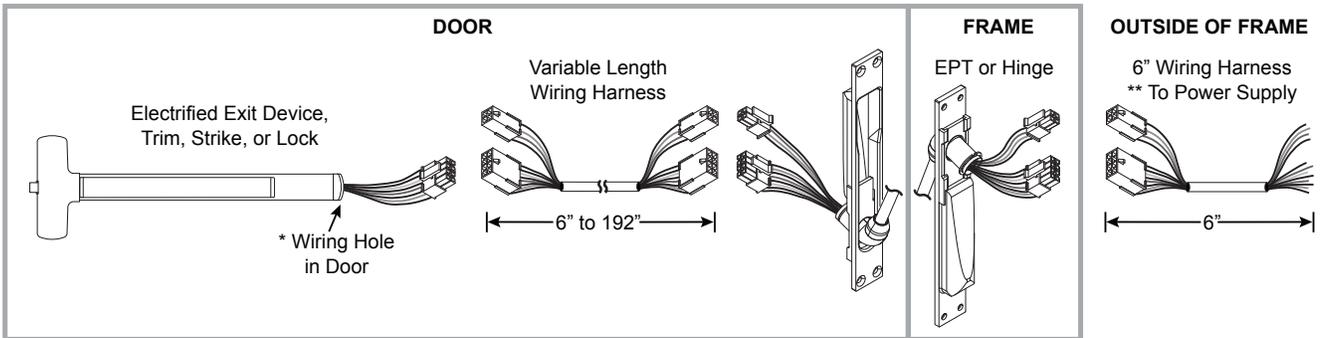
The electrified exit device, lock, trim, or strike is supplied with the Allegion Connect 8 pin and/or 4 pin connectors. In some cases an adapter is supplied and is shown in greater detail on the application pages of this manual.

### EPT or Hinge

The EPT or Electrified Hinge is supplied with Allegion Connect 8 pin and 4 pin connectors.

### Wiring Harnesses

The wiring harnesses have Allegion Connect 8 pin and 4 pin connectors on each end, or can be ordered with the connectors on one end only. One Wiring Assembly is used to connect the Device to the EPT/Hinge, and an additional Wiring harness can be used to route from the EPT/Hinge to locations outside of the frame.



\* 5/8" Wiring hole may need to be enlarged slightly to fit connector through door surface.

\*\* When installing EL devices or Chexit devices with EL solenoid, a PS914 power supply must be used with specific wire gauge and distance requirements for the two solenoid wires between frame and power supply. Refer to PS914 power supply installation instructions for more information.

## Wiring Harnesses

### Variable Length Harness

with connectors on both ends

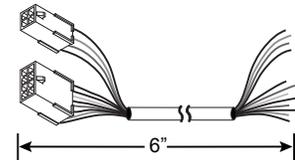
PART NUMBER	TOTAL LENGTH
CON-6	6
CON-12	12
CON-26	26
CON-32	32
CON-38	38
CON-44	44
CON-50	50
CON-192	192



### 6" Harness

6" with connectors on one end only (for connection to power supply)

PART NUMBER	TOTAL LENGTH
CON-6W	6



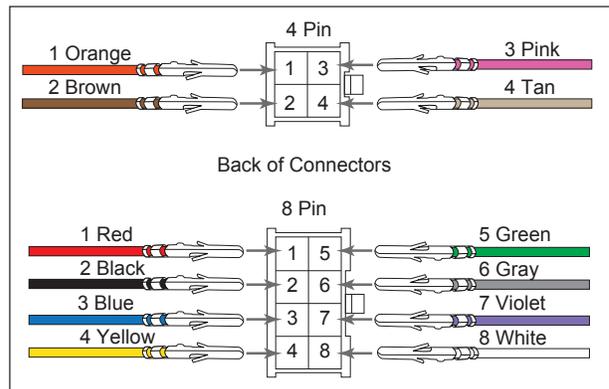
### Variable Length Harness

with connectors on one end / crimped pins on other end

PART NUMBER	TOTAL LENGTH
CON-6P	6
CON-12P	12
CON-26P	26
CON-32P	32
CON-38P	38
CON-44P	44
CON-50P	50
CON-192P	192

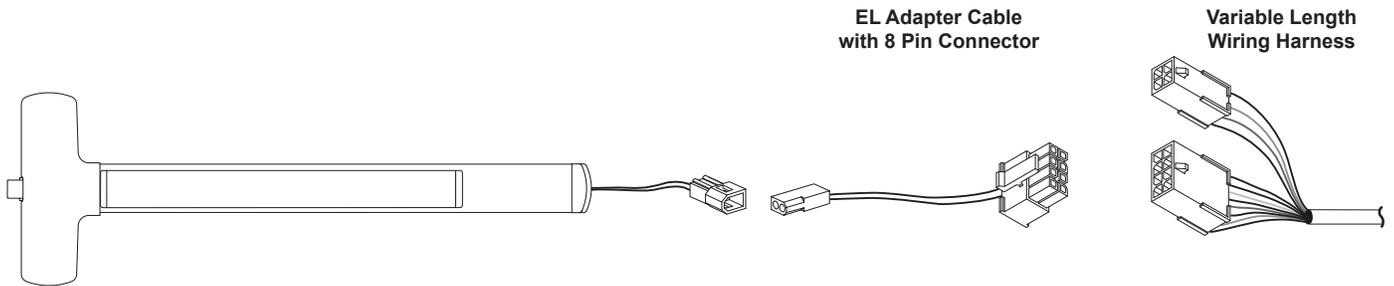


For use in tight fit applications such as routing through conduit.



## EL Exit Device

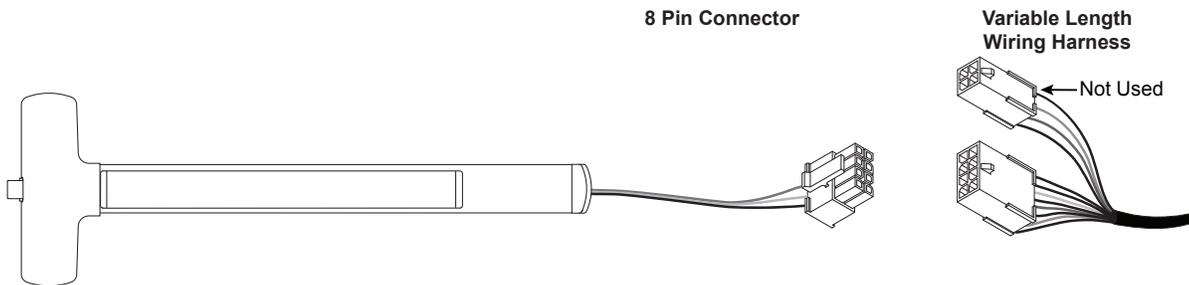
See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



				⇒			
		FUNCTION	WIRE COLOR	PIN			
<b>EL</b>		Power	Black	1	⇒	1	Red
		Power	Black	2		2	Black
<b>Not Used</b>				3		3	Blue
				4		4	Yellow
				5		5	Green
				6		6	Gray
				7		7	Violet
				8		8	White

## RX Exit Device

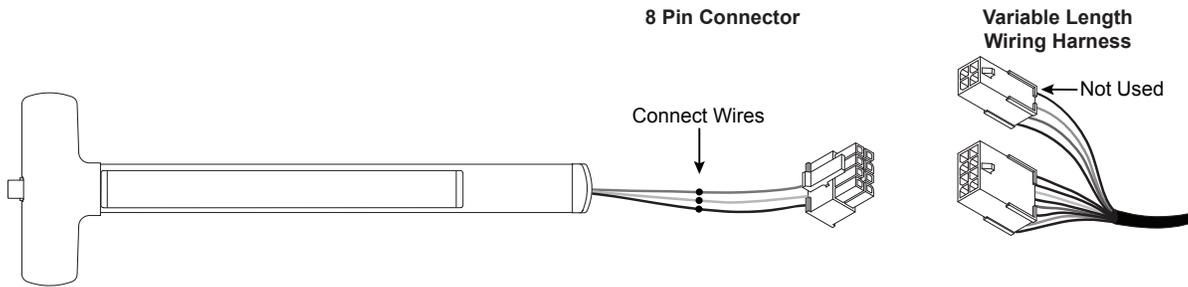
See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



				⇒			
		FUNCTION	WIRE COLOR	PIN			
<b>RX</b>				1	⇒	1	Red
				2		2	Black
		Normally Open (NO)	Violet	3		3	Blue
		Normally Closed (NC)	Gray	4		4	Yellow
	Common (C)	Black	5		5	Green	
			6		6	Gray	
			7		7	Violet	
			8		8	White	

## LM Exit Device

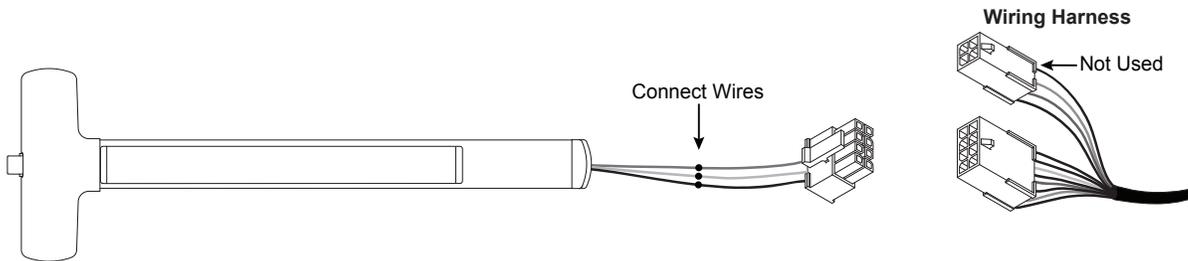
See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
			1		1	Red
			2		2	Black
			3		3	Blue
			4		4	Yellow
			5		5	Green
<b>LM</b>	Normally Open (NO)	Gray	6	→	6	Gray
	Normally Closed (NC)	Violet	7	→	7	Violet
	Common (C)	White	8	→	8	White

## DM Exit Device

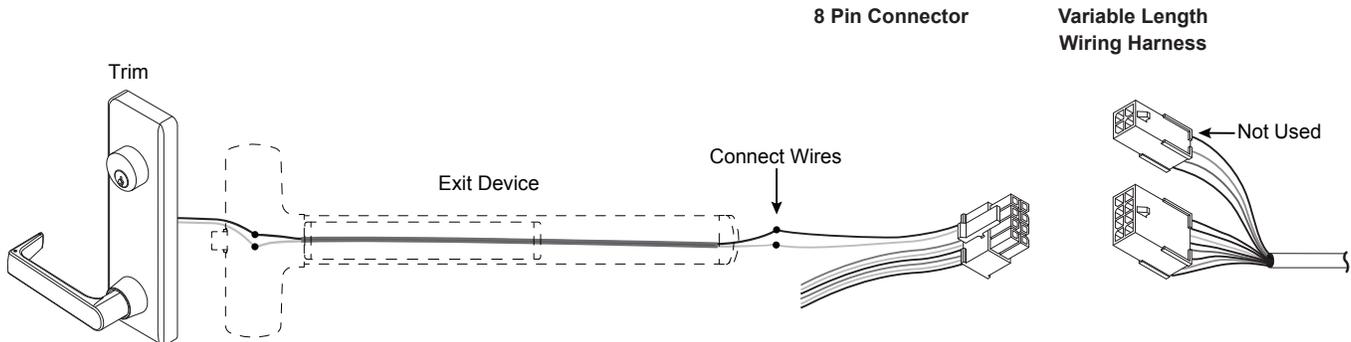
See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
			1		1	Red
			2		2	Black
			3		3	Blue
			4		4	Yellow
			5		5	Green
<b>DM</b>	Normally Open (NO)	Gray	6	→	6	Gray
	Normally Closed (NC)	Violet	7	→	7	Violet
	Common (C)	White	8	→	8	White

**FSA/FSE Trim (510L / 511L / 512TP / 513K)**

See page 10 for system overview and wiring harness usage. Colors shown below at wiring harness should remain consistent throughout the EPT or hinge and harness outside of frame.



	FUNCTION	WIRE COLOR	PIN		PIN	WIRE COLOR
<b>FSA/FSE Trim (510L / 511L / 512TP / 513K)</b>	Power	Red	1	⇒	1	Red
	Power	Black	2		2	Black
<b>6 available wires can be used to attach to RX, LM, or DM switches.</b>		Blue	3		3	Blue
		Yellow	4		4	Yellow
		Green	5		5	Green
		Gray	6		6	Gray
		Violet	7		7	Violet
		White	8		8	White

## T-Series Electrified Lock

### Electrical Specifications:

- Fail Safe/Fail Secure
- .65 AMP @ 12 VDC
- .32 AMP @ 24 VDC

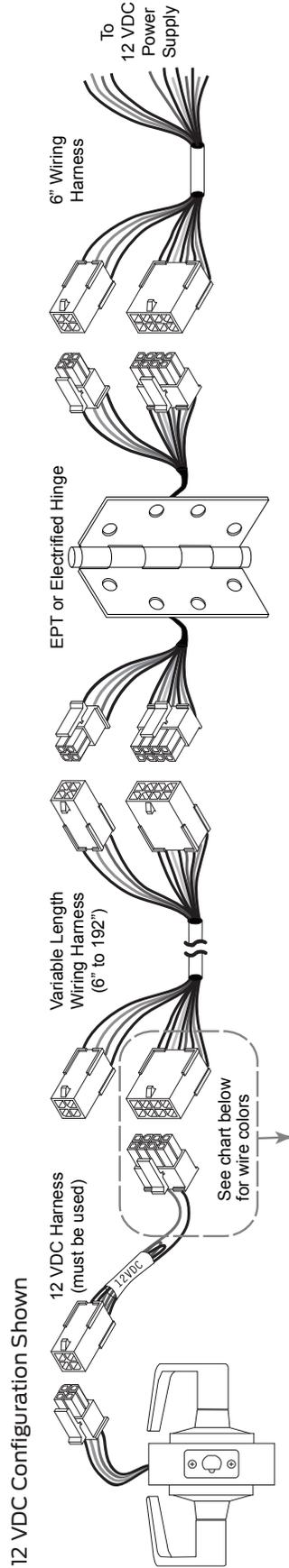
### T851 Storeroom Fail Safe:

Deadlocking latch bolt operated by lever from either side, except when outer lever is electrically locked. When outer lever is locked (inoperable), latch bolt retracted by key in cylinder outside. Inside lever is always free.

### T881 Storeroom Fail Secure:

Deadlocking latch bolt operated by lever inside at all times. Outside lever is inoperable until electrically unlocked, then latch bolt is operable from either side. When outside lever is inoperable, latch bolt retracted by key in cylinder outside.

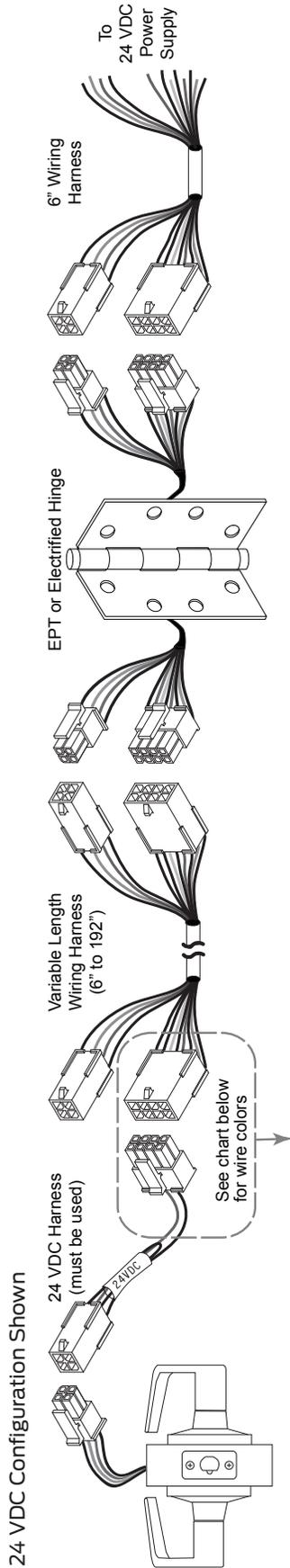
## Typical Wiring Diagram DC Lock



### Power Only - T851, T881

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	Red	1	Red	1
	Power	Black	2	Black	2
Not Used			3	Blue	3
			4	Yellow	4
			5	Green	5
			6	Gray	6
			7	Violet	7
		8	White	8	

Typical Wiring Diagram DC Lock



Power Only - T851, T881

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	Red	1	Red	1
	Power	Black	2	Black	2
Not Used			3	Blue	3
			4	Yellow	4
			5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

## MA-Series Electrified Lock

### Electrical Specifications:

Fail Safe/Fail Secure  
 .65 AMP @ 12 VDC  
 .32 AMP @ 24 VDC

### MA851 Storeroom Fail Safe/Electrified EL:

Outside lever continuously locked by 12 or 24 VDC. Latchbolt retracted by key outside or by lever inside. Switch or power failure allows outside lever to retract latch bolt. Auxiliary latch dead locks latch bolt when door is closed. Inside lever is always free for immediate exit.

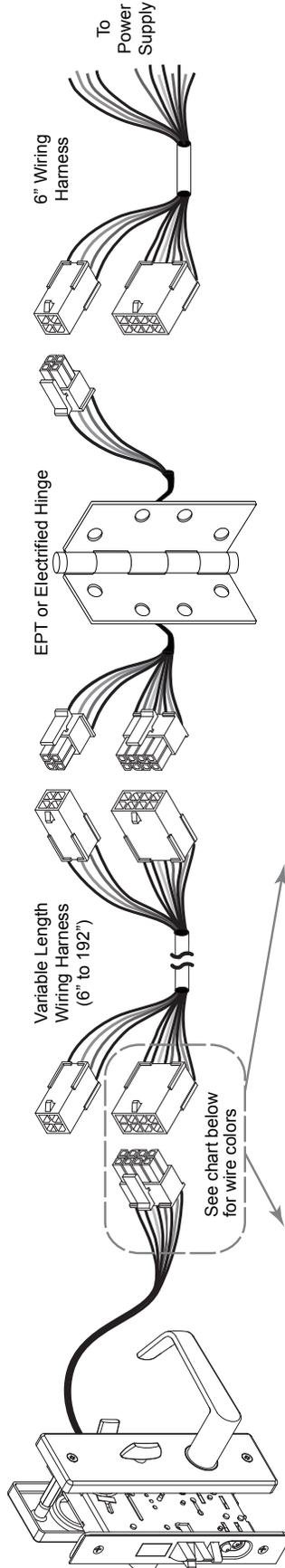
### MA881 Storeroom Fail Secure/Electrified EU:

Outside lever unlocked by 12 or 24 VDC. Latchbolt retracted by key outside or by lever inside. Auxiliary latch dead locks latch bolt when door is closed. Inside lever is always free for immediate exit.

## Typical Wiring Diagram DC Lock

12 VDC Configuration (2 Black Power Wires)

24 VDC Configuration (2 White Power Wires)



Power Only - MA851, MA881

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	Black/White	1	Red	1
	Power	Black/White	2	Black	2
Not Used			3	Blue	3
			4	Yellow	4
			5	Green	5
			6	Gray	6
			7	Violet	7
			8	White	8

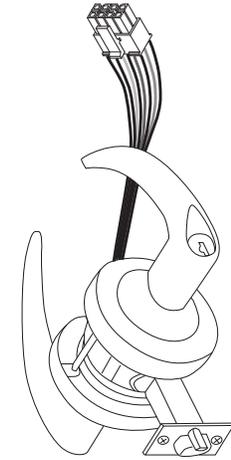
MA851-RX, MA881-RX

PURPOSE	FUNCTION	Lock Connector		Harness Connector	
		WIRE COLOR	PIN	WIRE COLOR	PIN
EL / EU	Power	Black/White	1	Red	1
	Power	Black/White	2	Black	2
RX	Case Side NO	Green	3	Blue	3
	Case Side NC	Orange	4	Yellow	4
	Common	Yellow	5	Green	5
	Cover Side NO	Gray	6	Gray	6
	Cover Side NC	Red	7	Violet	7
	Not Used			8	White

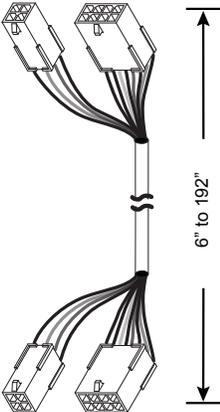
Architectural Hinge: TW8 and TW12 (for Continuous Hinge, see next page)

The TW12 Electrified Hinge is supplied with Allegion Connect 8 pin and 4 pin connectors. The TW8 Electrified Hinge is supplied with Allegion Connect 8 pin connectors.

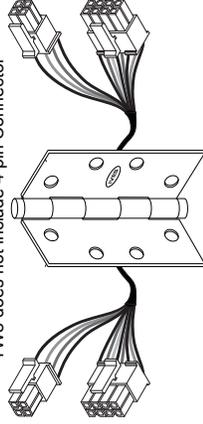
**Electrified Exit Device, Trim, Strike, or Lock**



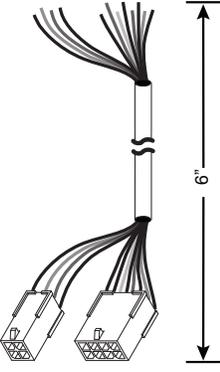
**Variable Length Wiring Harness**



**Electrified Hinge with 12 Pin Connectors**



**To Power Supply**



WIRE COLOR	PIN	8 WIRE HINGE WIRE COLORS	12 WIRE HINGE WIRE COLORS	PIN	PIN	WIRE COLOR
Red	1		Orange	1	1	Red
Black	2		White / Yellow	2	2	Black
Blue	3		White / Violet	3	3	Blue
Yellow	4		White / Red	4	4	Yellow
Red	1	Red	Red	1	1	Red
Black	2	Yellow	Black	2	2	Black
Blue	3	Violet	Blue	3	3	Blue
Yellow	4	Gray	Yellow	4	4	Yellow
Green	5	White / Red	Green	5	5	Green
Gray	6	White / Yellow	Gray	6	6	Gray
Violet	7	White / Violet	Violet	7	7	Violet
White	8	White / Gray	White / Gray	8	8	White

NOTE: When installing EL exit devices, a PS914 power supply must be used with specific wire gauge and distance requirements between frame and power supply. Refer to PS914 power supply installation instructions for more information.

## Continuous Hinge: 700-TW8 and 700CS-TWP

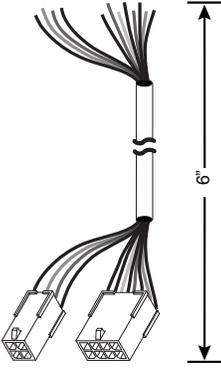
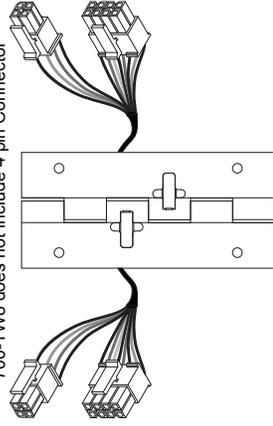
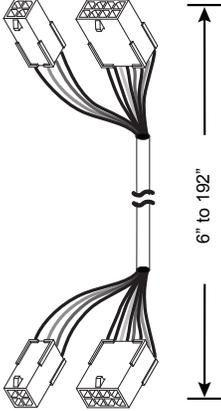
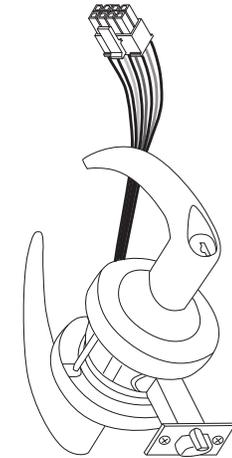
The 700CS-TWP is supplied with Allegion Connect 8 pin and 4 pin connectors. The 700-TW8 is supplied with Allegion Connect 8 pin connectors.

**Electrified Exit Device, Trim, Strike, or Lock**

**Variable Length Wiring Harness**

**700CS-TWP with 12 Pin Connectors**

**To Power Supply**

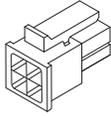


700CS-TWP		700-TW8		700CS-TWP WIRE COLORS		700CS-TWP WIRE COLORS		700CS-TWP WIRE COLORS	
WIRE COLOR	PIN	WIRE COLOR	PIN	700-TW8 WIRE COLORS	700CS-TWP WIRE COLORS	700CS-TWP WIRE COLORS	700CS-TWP WIRE COLORS	PIN	WIRE COLOR
Red	1	Red	1	Red	Orange	Orange	Orange	1	Red
Black	2	Black	2	Black	Brown	Brown	Brown	2	Black
Blue	3	Blue	3	Blue	Red with Yellow Stripe	Red with Yellow Stripe	Red with Yellow Stripe	3	Blue
Yellow	4	Yellow	4	Yellow	Black with Yellow Stripe	Black with Yellow Stripe	Black with Yellow Stripe	4	Yellow
Red	1	Red	1	Red	Red	Red	Red	1	Red
Black	2	Black	2	Black	Black	Black	Black	2	Black
Blue	3	Blue	3	Blue	Blue	Blue	Blue	3	Blue
Yellow	4	Yellow	4	Yellow	Yellow	Yellow	Yellow	4	Yellow
Green	5	Green	5	Green	Green	Green	Green	5	Green
Gray	6	Gray	6	Orange	Gray	Gray	Gray	6	Gray
Violet	7	Violet	7	Violet	Violet	Violet	Violet	7	Violet
White	8	White	8	White	White	White	White	8	White

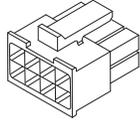
NOTE: When installing EL exit devices, a PS914 power supply must be used with specific wire gauge and distance requirements between frame and power supply. Refer to PS914 power supply installation instructions for more information.

# Connector Kit

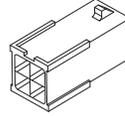
## Included in Kit:



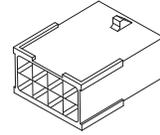
4-pin Male Connectors  
(Qty. 10)



8-pin Male Connectors  
(Qty. 10)



4-pin Female Connectors  
(Qty. 10)



8-pin Female Connectors  
(Qty. 10)



Female Terminals  
(Qty. 100)



Extraction Tool  
See Back Side of Sheet for Instructions



Male Terminals  
(Qty. 100)

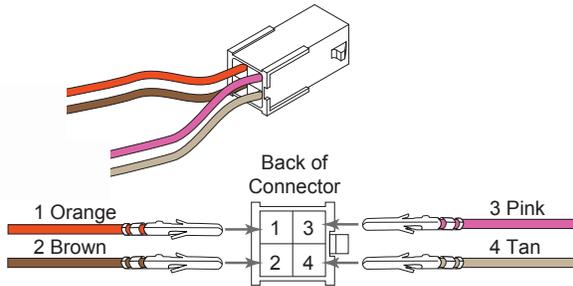
## Not Included in Kit:

Crimping Tool

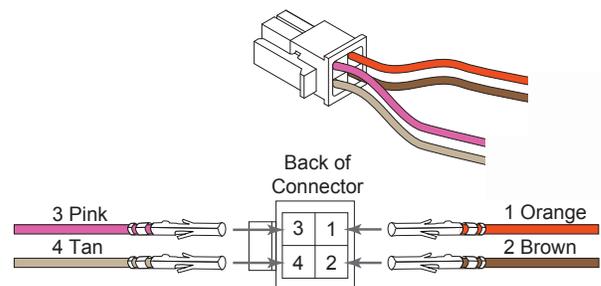
Can be purchased (Molex part number 63819-0000)  
This will be required to install pins on loose wires

## Wire Color to Pin Alignment

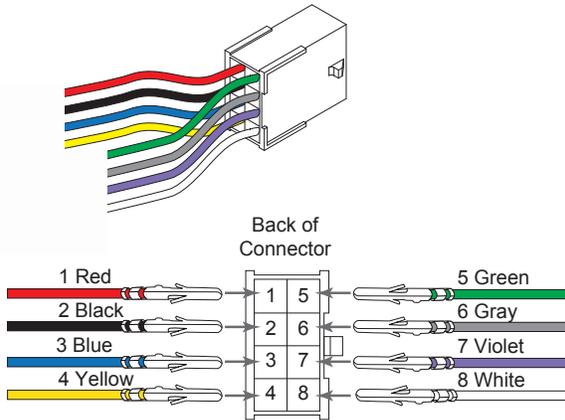
### 4 Pin Female



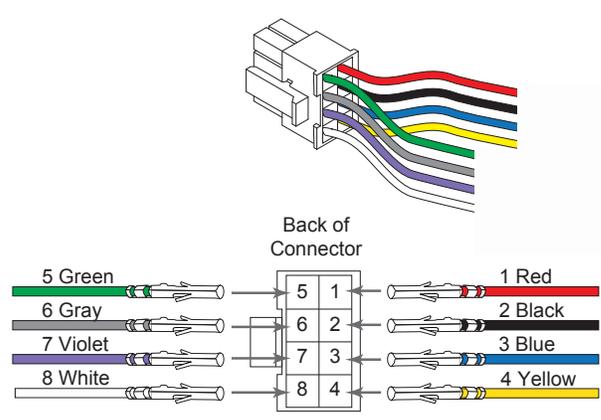
### 4 Pin Male



### 8 Pin Female

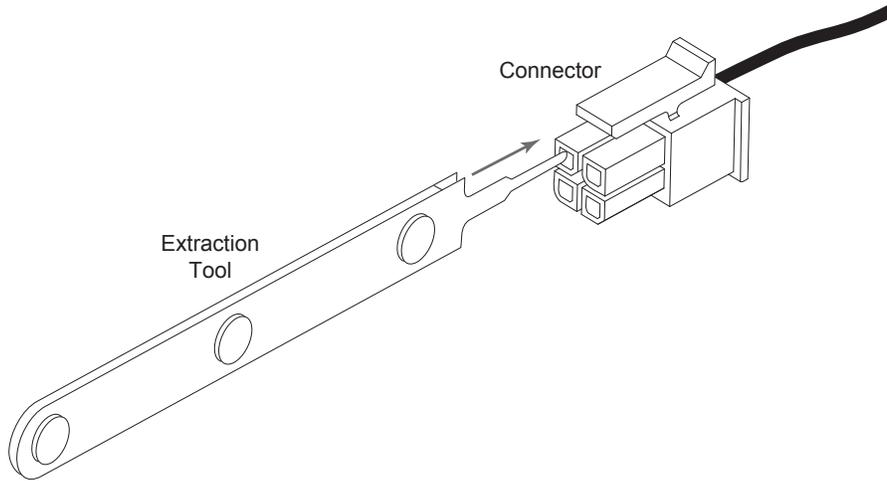


### 8 Pin Male



### Extraction Tool Instructions

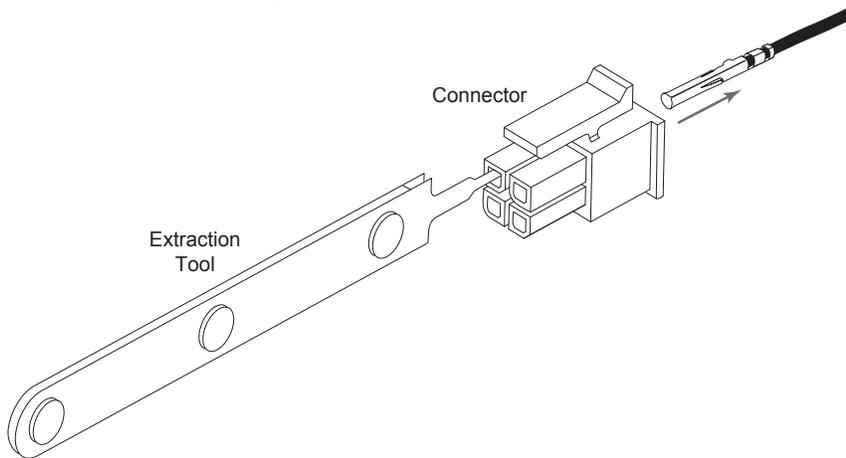
- 1 Insert extractor tool tip into front of connector on either side of the terminal until it stops.



- 2 Rotate tool clockwise then counter-clockwise approximately 25° to 30° in each direction, once or twice.
- 3 Repeat steps 1 and 2 on the opposite side of terminal until tabs are bent down.



- 4 Pull wire out of back of connector housing.  
**NOTE: Removal damages the terminal locking tangs and is not reusable.**



## About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises 27 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®.

For more, visit [www.allegion.com](http://www.allegion.com).

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