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 E-MAIL: detex@detex.com INTERNET: www.detex.com  
**INSTRUCTIONS FOR LX & LXV SWITCH WIRING**

## ADVANTEx®

### Rim, CVR & Mortise

### LX - Latch bolt monitoring

### LXV - Latch bolt monitoring voltage

### LXxW - Latch bolt monitoring weatherized

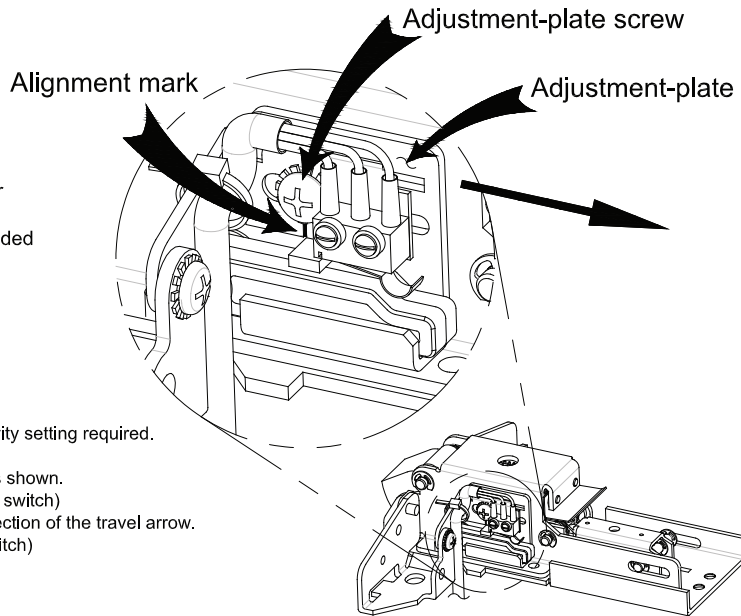
### LXVxW - Latch bolt monitoring voltage weatherized

- Dwg #: 101379 RIM (SS)  
 104600 RIM (AL)  
 104690 SVR (AL)  
 103200 MORTISE (SS)  
 104695 MORTISE (AL)  
 105260 CVR (60) (W not available)  
 105280 CVR (70/80) (W not available)

#### Two types of switches:

1. LX - Maximum 50mA signal.
  2. LXV - Maximum 3A power.
- Consult the factory for assistance at 1-800-729-3839

1. The latchbolt monitor switch is activated whenever the latchbolt is retracted.
2. The switch detail is shown with the latchbolt extended and the touchbar not depressed



#### Switch Adjustment Procedure

1. Loosen adjustment-plate screw.
2. Slide adjustment-plate left to right depending on sensitivity setting required.
  - a.) Factory Set to most sensitive:  
 Switch will be most sensitive with alignment mark as shown.  
 (least amount of latchbolt travel required to activate switch)
  - b.) For less sensitivity, slide adjustment-plate in the direction of the travel arrow.  
 (more latchbolt travel will be required to activate switch)
3. Re-fasten adjustment-plate screw.

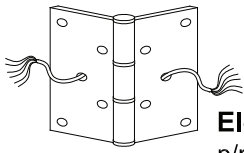
Table 1 Switch specifications

Maximum DC Voltage	Maximum Amperage	Wire Color	Switch Position
30V	50mA	Grey	Closed
		Brown	Common
		Yellow	Open
30V	3A	Grey/Red	Closed
		Brown/Red	Common
		Yellow/Red	Open

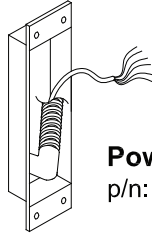
Owner's Copy

# HARDWIRE TRANSFER DETAIL

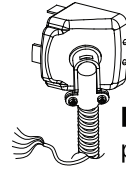
(Requirements: Minimum 6 Conductor Wires, Maximum 12 Conductor Wires)



**Electric Hinge**  
p/n: EWH8-X



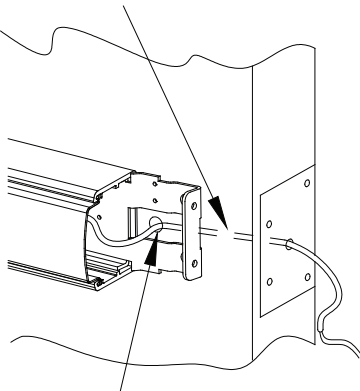
**Power Transfer**  
p/n: PT-5



**Flex Conduit/End Cap Kit**  
p/n: FCA  
(Order FCA x Finish)

## Electric Hinge Endcap Prep

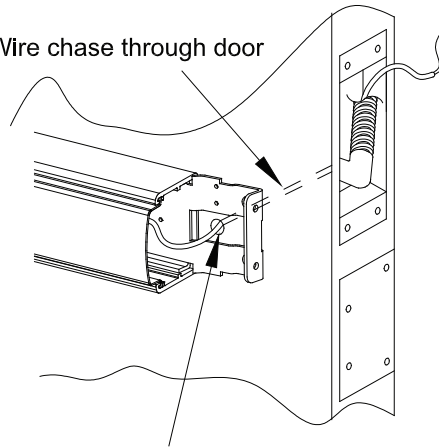
Wire chase through door



1/2" Hole through the  
inside door face

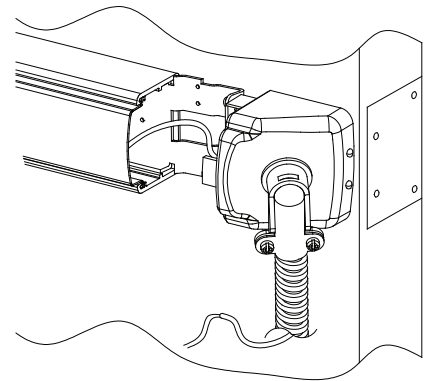
## Power Transfer Endcap Prep

Wire chase through door



1/2" Hole through the  
inside door face

## FCA Flex Conduit Endcap Prep



Note: For high traffic areas an electric through-wire hinge or power transfer is recommended.