**INSTALLATION INSTRUCTIONS FOR ADVANTEX / VALUE SERIES RIM EI PRODUCT**

**Rim EI - Electric Integration**

Dwg #: 101379 Advantex (SS)  
104600 Advantex (AL)  
101800 Value Series

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**ADVANTEX & VALUE SERIES**

*To select Open or Closed switch orientation, move the appropriate jumper on the circuit board.*

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**CUSTOMER WIRING**

1. OPEN/CLOSED  
2. COMMON  
3. OPEN/CLOSED  
4. COMMON  
5. (+) GREEN LED  
6. (+) RED LED  
7. (+) SIREN  
8. (-)  
9. COMMON  
10. OPEN  
11. CLOSED  
12. (-)

**EI CIRCUIT SCHEMATIC**

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**Tools Required**

Jeweler's (Small) Screwdriver

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**PRECAUTIONARY NOTE:**

Be careful when installing filler plate assembly not to damage ribbon cable.

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**Theory of Operation:**

- **Door Closed** - Deadlocking actuator activates PushPad/LBM (Latch Bolt Monitoring) Switch. Authorized Access Switch is not affected.
- **Door Closed** - Depressing PushPad changes the state of the PushPad/LBM Switch. Authorized Access Switch is not affected.
- **Door Closed** - Authorized (Auth) Access Switch is activated by operating outside trim.

As the latchbolt begins to retract, the PushPad/LBM Switch is also activated.

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**Terminal No.**  
**Comments**

1, 2  
Authorized Access switch is activated by outside lever trim

3, 4  
PushPad/LBM monitors the pushpad and the deadlocking actuator in the latchbolt. Activation of the pushpad will transfer switch contact. LBM (latch bolt monitor) in series with pushpad switch.

5  
GREEN LED (+) 12 to 24 volts DC, 10ma max

6  
RED LED (+) 12 to 24 volts DC, 10ma max

7  
SIREN (+) 12 to 24 volts DC, 110ma max

8  
GROUND (-) common to Green, Red, and siren

9  
KEY SWITCH common 12 to 24 volts DC, 500ma

10  
KEY SWITCH normally open contact

11  
KEY SWITCH normally closed contact

12  
GROUND (-) common to Green, Red, and siren

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**For device installation videos, scan code below or go to detex.com**

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**Owner's Copy**

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