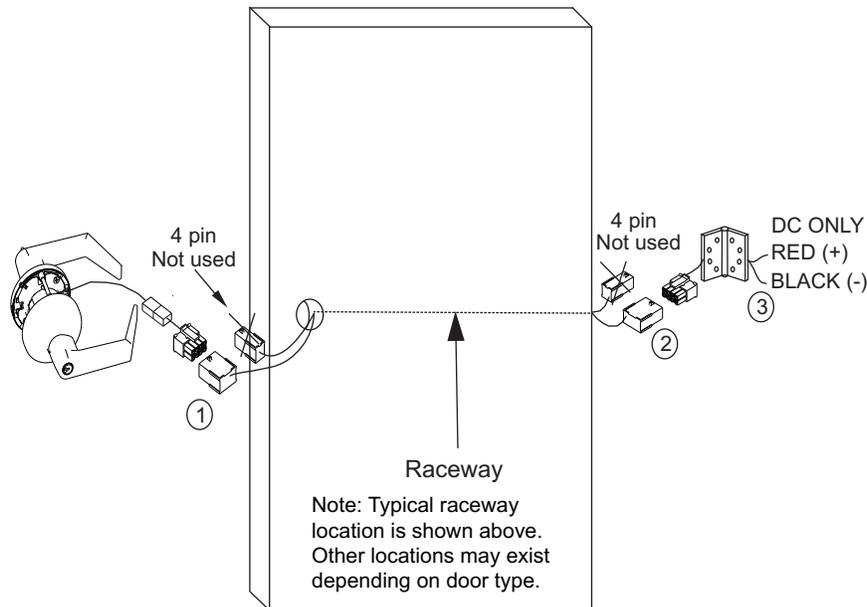




## Electrified Wiring Instructions 5390LN/5391LN and 4790LN/4791LN 12VDC or 24VDC

### Installation with an ElectroLynx® Door



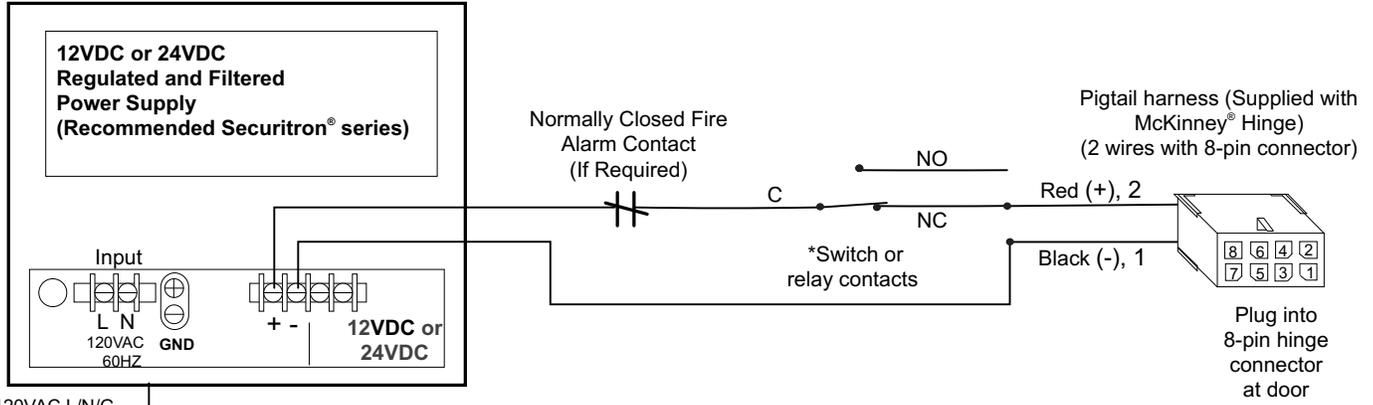
- 1 Plug lock connector into mating 8 pin door connector.  
Install lock as per instruction sheets included. (P/N 80-9150-0010-010)
- 2 Verify that the hinge is connected to the door connector.
- 3 Wire hinge to power source. Refer to back side of page for wiring of the electric hinge.

#### Installation Notes

1. With new applications a raceway harness with 8 and 4 pin connectors will be pre-installed inside door by ASSA ABLOY door manufacturer when specified during ordering process. Raceway harness kits are available for retrofit applications and for doors manufactured by non-ASSA ABLOY manufacturers.
2. Wiring to pigtail harness is per facility wiring requirement. Follow individual instructions on back page.



**Sample wiring for solenoid locks with a 12VDC or 24VDC Regulated and Filtered Power Supply (Wiring shows power on and lock in secure state)**



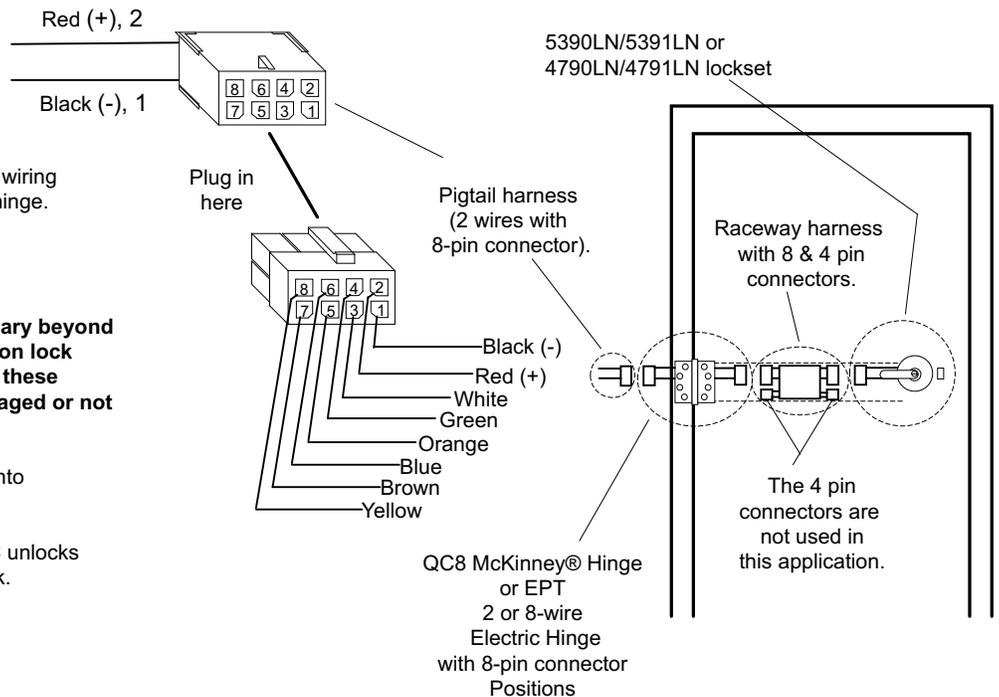
\* **Note: Wire 5390LN/4790LN (Fail Safe) Locks to switch as shown. For 5391LN/4791LN (Fail Secure) Locks, wire switch NO (normally open) contact to red wire of pigtail harness.**

**Electric Hinge Wiring**

1. Wire option A, B (see above) or other wiring requirement to pigtail harness of the hinge.
2. Ensure proper supply voltage is being applied at pigtail harness.

**CAUTION: The DC voltage must not vary beyond 12V+/- 10% or 24V+/- 10% depending on lock solenoid installed. If voltage exceeds these values the lock solenoid may be damaged or not function correctly.**

3. Plug pigtail harness 8-pin connector into electric hinge 8-pin connector.
4. Test lock - Applying 12VDC or 24VDC unlocks fail secure lock and locks fail safe lock.



Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and Yale Locks & Hardware 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.

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Product Support Tel 800.438.1951 • [www.yalelocks.com](http://www.yalelocks.com)

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