

Custom Wiring Diagram Service

ASSA ABLOY

The global leader in door opening solutions

Step 1: Request a quote

Complete this section and submit along with required information listed below.

E-mail Quote Request to: 800810WIRE@assaabloyusa.com or Fax Quote Request to: 203-603-5981

Date: _____ Ship to: _____
Bill to: _____ Contact: _____
Acct#: _____ Email: _____
Account with: _____ Phone: _____
 SARGENT YALE Project: _____
 CORBIN RUSSWIN _____

Select desired package type:

- Basic Riser/Elevation Diagram:** Identifies components, number and size of conductors to be installed to each product in an opening.
- Specification Package:** Ideal for specification submittal. Package includes a theory of operation, list of components and riser diagram that identifies the number and size of conductors to be installed to each product in an opening.
- Point-to-Point Package:** Ideal for applications when installer/electrician requires assistance with wiring instruction to interconnect the system for operation. This package identifies components and provides the connection points for each product in an opening.
- System Package:** This package will ensure a smooth installation of your electrical wiring from start to finish. It includes theory of operation, list of components, riser diagram and point-to-point wiring.
- Special Wiring Package:** Intended for special wiring requests such as interlocks, mantraps, large and/or complicated systems.

The following must be submitted, for each differently configured opening, along with this quote form:

1. Material list showing part numbers and quantities.
2. Theory of operation.

(Note: If door hardware schedule is supplied in lieu of the above, additional charges may apply.)

Step 2: Order your diagrams

After quote details are entered below by the factory, complete this section and submit your order.

Purchase Order # _____ Authorized by: _____

**Estimated lead-time is 10 business days from receipt of purchase order and all information required to complete drawings. Orders cannot be changed or cancelled once diagram work has begun. Maximum of two differently configured openings per package. Diagrams are supplied in PDF format only and will be sent to the email address listed above. Original drawings/diagrams are the sole property of ASSA ABLOY.

SARGENT Accounts
E-mail Order to
orderentry@sargentlock.com
Fax Order to:
800-906-6606

CORBIN RUSSWIN & YALE Accounts
E-mail Order to
orders@assaabloydss-cs.com
Fax Order to:
800-338-0965

DO NOT WRITE BELOW THIS LINE

Quote # : WD- _____

Qty*	Item #	Description	Unit List	Ext. List
	WD-BASIC	Basic Riser/Elevation Diagram		
	WD-SPEC	Specification Package		
	WD-P2P	Point-to-Point Package		
	WD-SYSPK	System Package		
	WD-SWP	Special Wiring Package		

*Maximum of two differently configured openings per package.

Wiring Diagrams

Custom Wiring Diagram Service

Corbin Russwin Offers Custom Wiring Diagrams

Corbin Russwin is pleased to offer Custom Wiring Diagrams for its customers. This high quality service relieves our customers from this time consuming task, and provides accurate and up-to-date drawings as required. Custom wiring diagrams, provide high quality wiring diagrams that relieve our customers from this time-consuming task, and provide accurate and up-to-date drawings as required.

Several types of services are offered.

Basic Riser/Elevation Diagram: Identifies components, number and size of conductors to be installed to each product in an opening.

Specification Package: Ideal for specification submittal. Package includes a theory of operation, list of components and riser diagram that identifies the number and size of conductors to be installed to each product in an opening.

Point to Point Package: Ideal for applications when installer/electrician requires assistance with wiring instruction to interconnect the system for operation. This package identifies components and provides the connection points for each product in an opening.

System Package: This package will ensure a smooth installation of your electrical wiring from start to finish. It includes theory of operation, list of components, riser diagram and point to point wiring.

Special Wiring Package: Intended for special wiring requests such as interlocks, mantraps, large and/or complicated systems.

How to Order

Standard wiring diagrams are available, at no cost, on the Corbin Russwin website at www.corbinrusswin.com or on the Door Security Solutions Extranet site. If those diagrams do not meet your requirements, a custom order can be placed by Authorized Dealers only. To determine the type and quantity of wiring diagrams required, please use the *Wiring Diagram Order* form. This form is also available for downloading on the Corbin Russwin Website at www.corbinrusswin.com or you can consult the Technical Services Team at (800) 810-WIRE.

Pricing

Please refer to the current Corbin Russwin price book for pricing information.

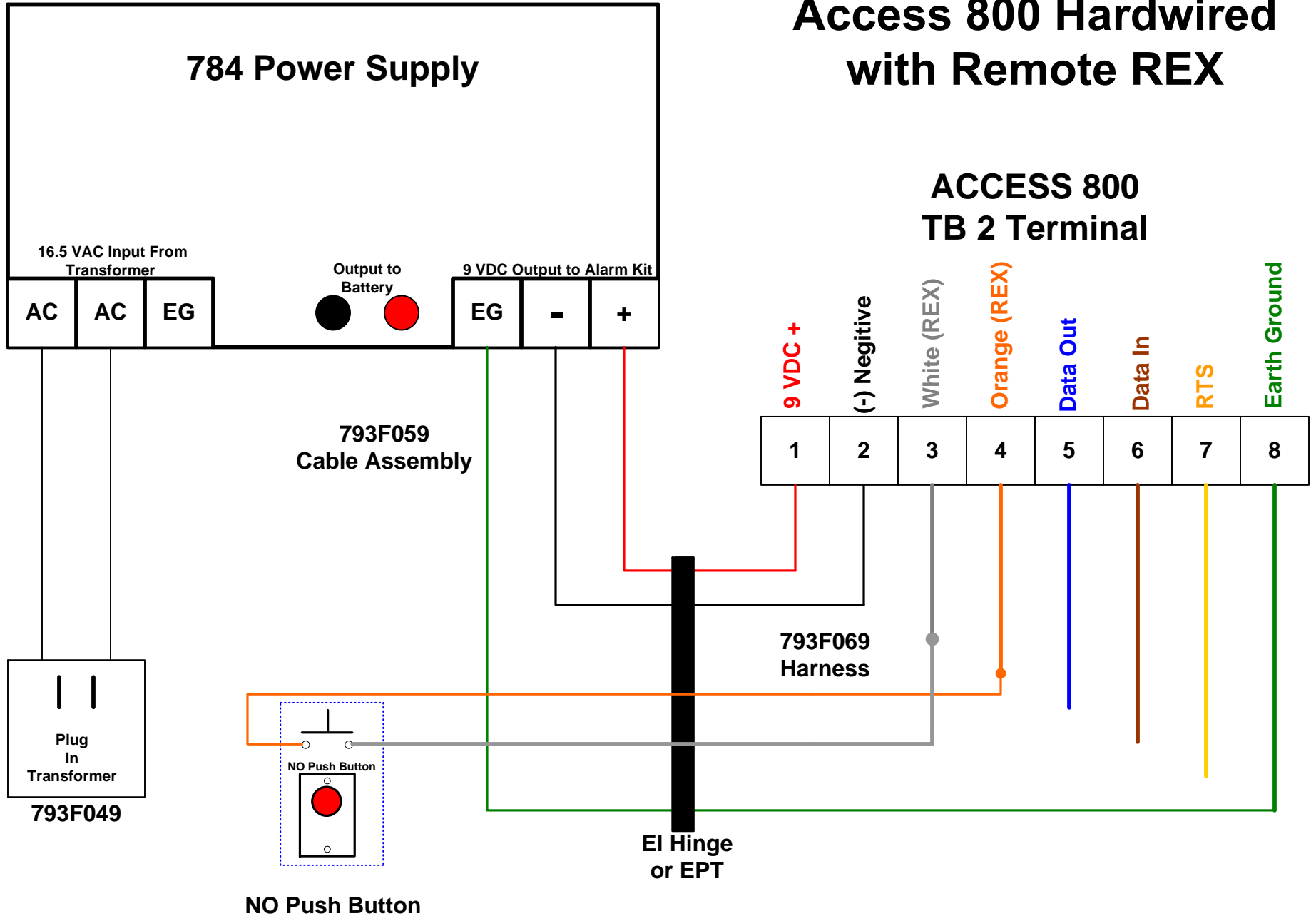
For more information, please contact your ASSA ABLOY Door Security Solutions representative.

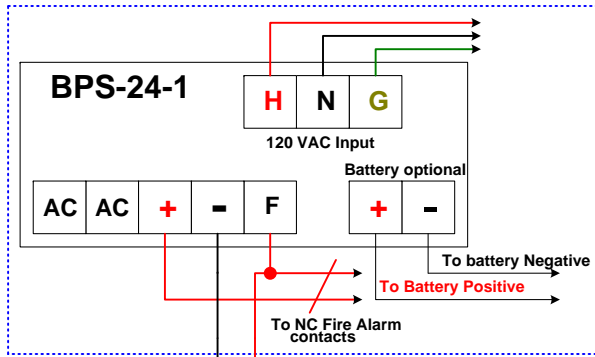
Corbin Russwin Architectural Hardware
225 Episcopal Road, Berlin, CT 06037
Phone 800-543-3658
Fax 800-447-6714
www.corbinrusswin.com

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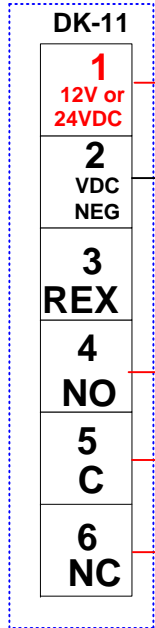
Access 800 Hardwired with Remote REX



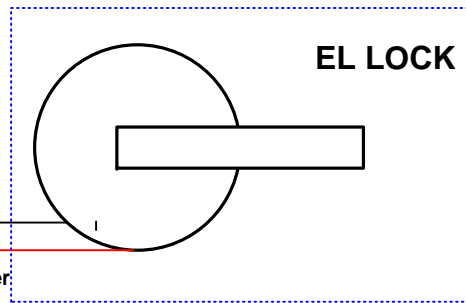


Voltage:
 Locks are universal for AC or DC.
 With 12VAC/DC or 24VAC/DC.

Electrical Specifications
 250mA @ 12VAC/VDC
 150mA @ 24VAC/VDC
 Continuous duty solenoid



CL33900 Series

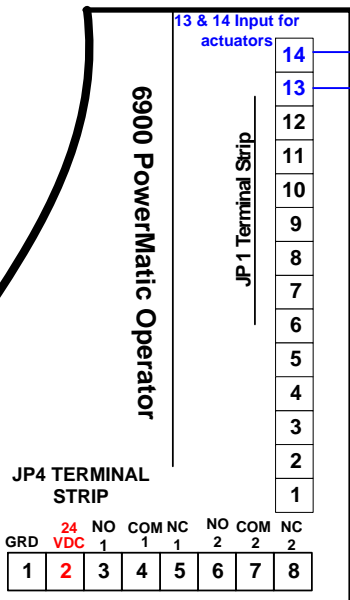


Fail Safe
 CL33903

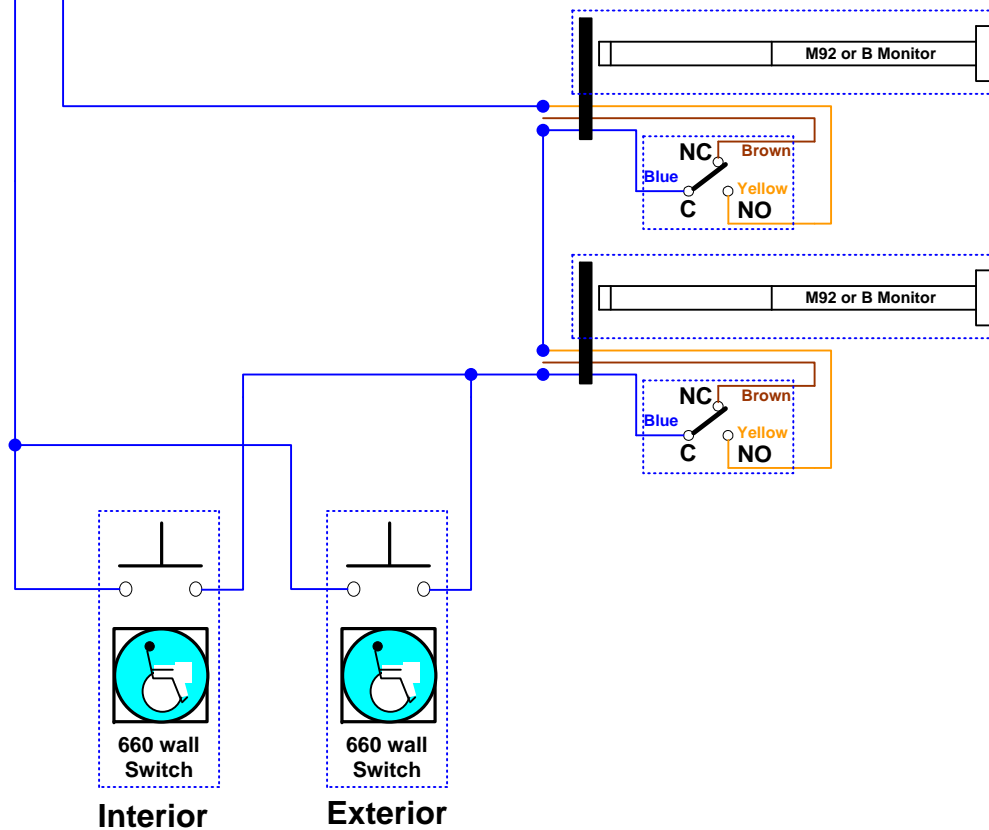
Fail Secure
 CL33905

Note: Fail Safe to NC Contact / Fail Secure to NO Contact

NOTE: ALL LOW VOLTAGE WIRING TO BE 18 GAUGE MINIMUM STRANDED, EITHER SINGLE OR MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES. (A MINIMUM OF TWO SPARE CONDUCTORS IS SUGGESTED) ALL WIRING MUST CONFORM TO NATIONAL, STATE, AND LOCAL CODES FOR CLASS 2 FIRE PROTECTION AND CONTROL DEVICES.

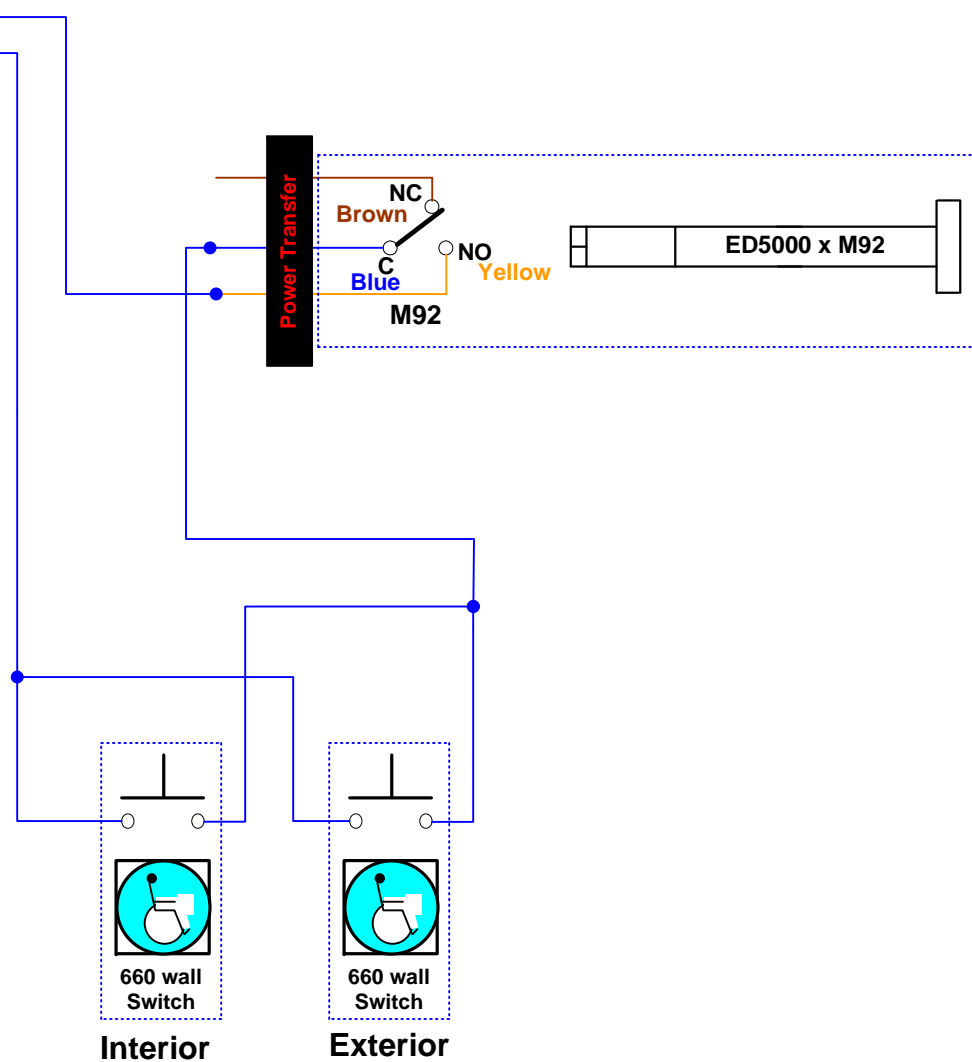
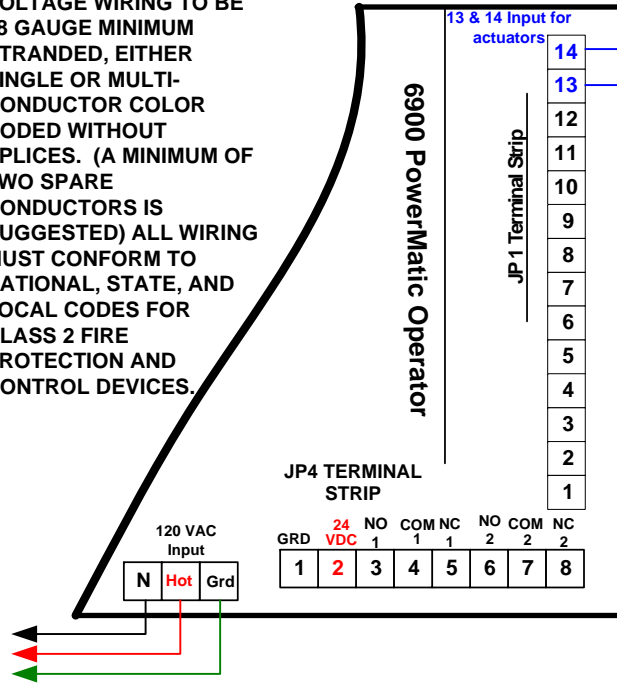


To 13 and 14 of Second Operator



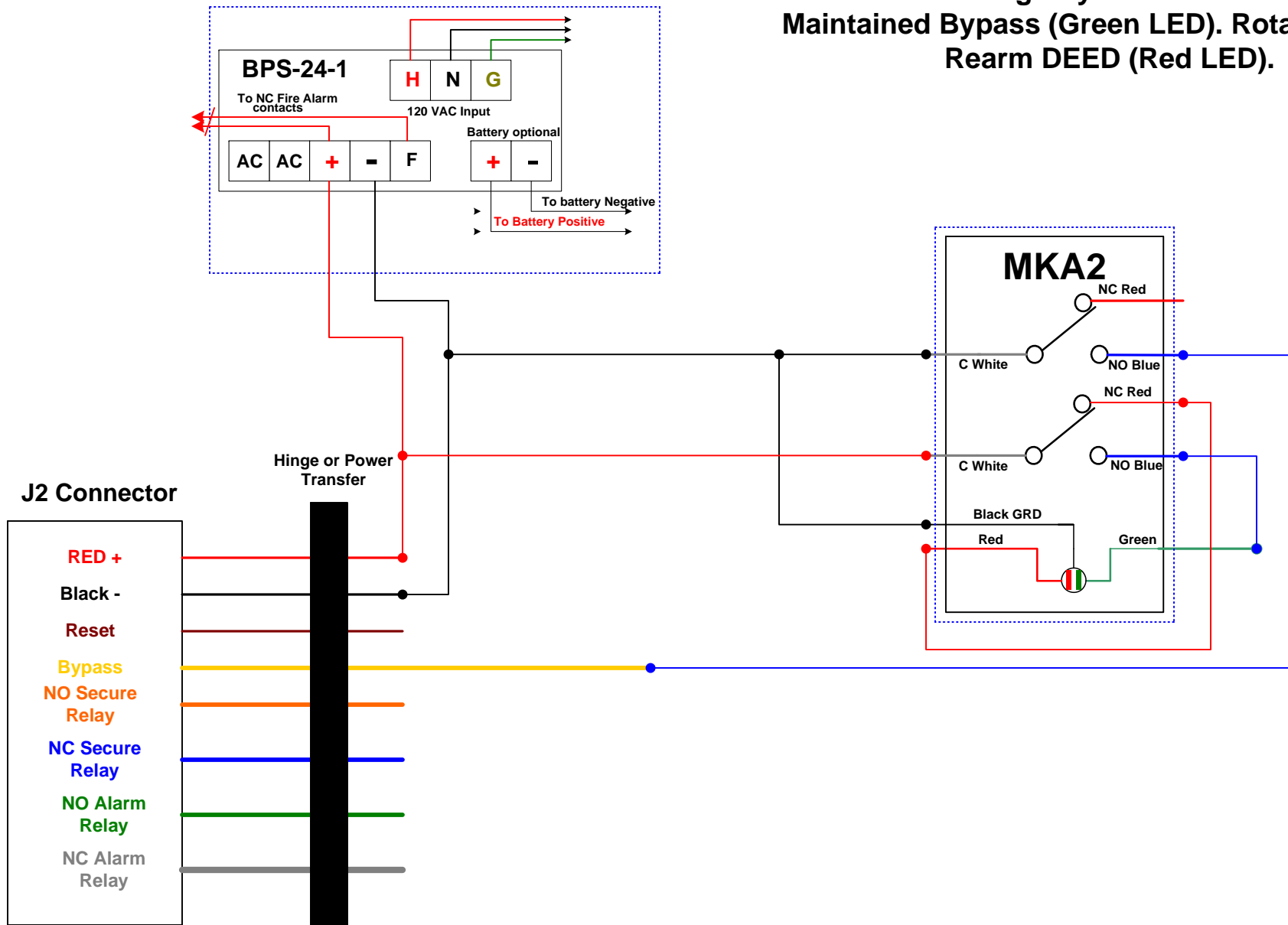
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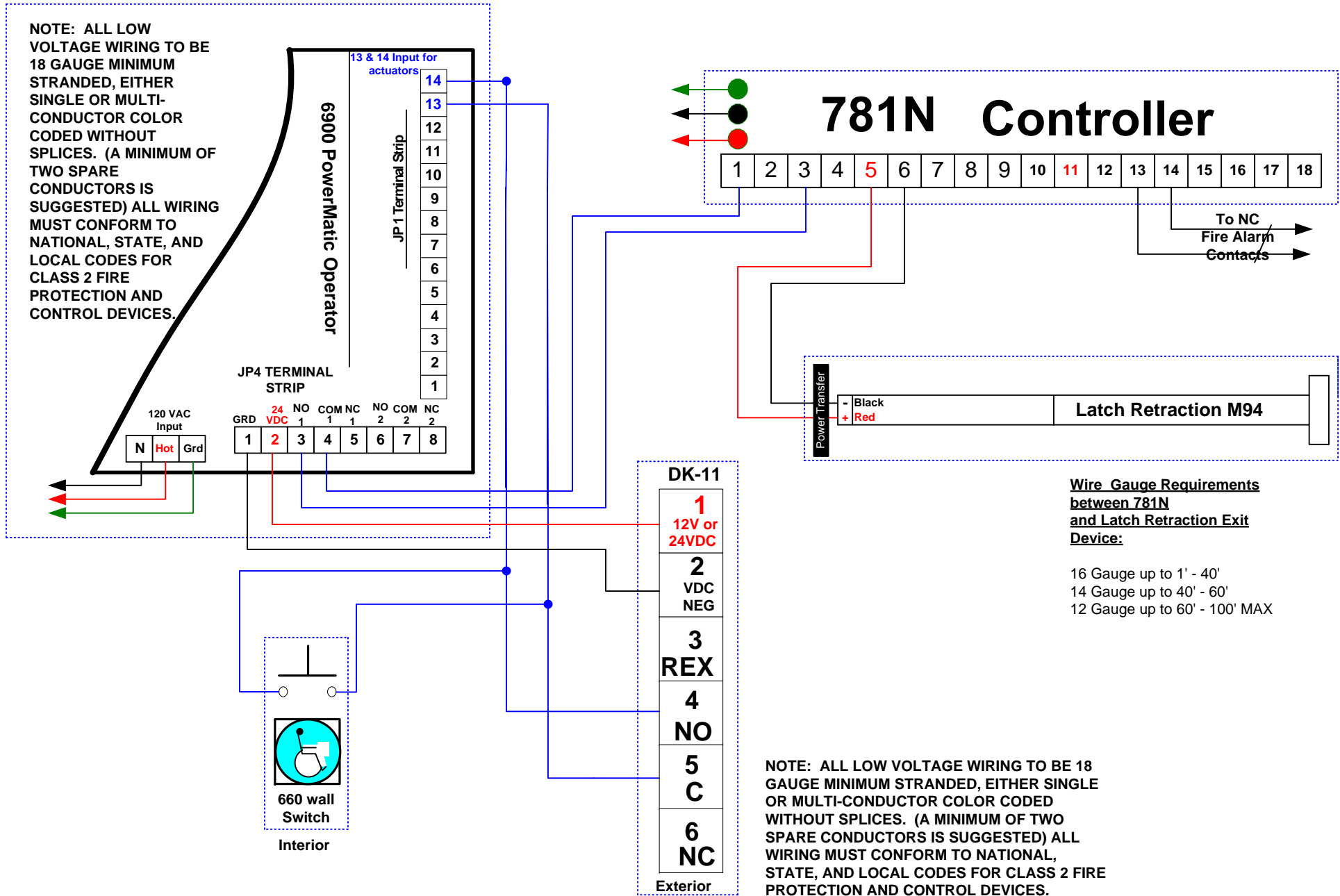


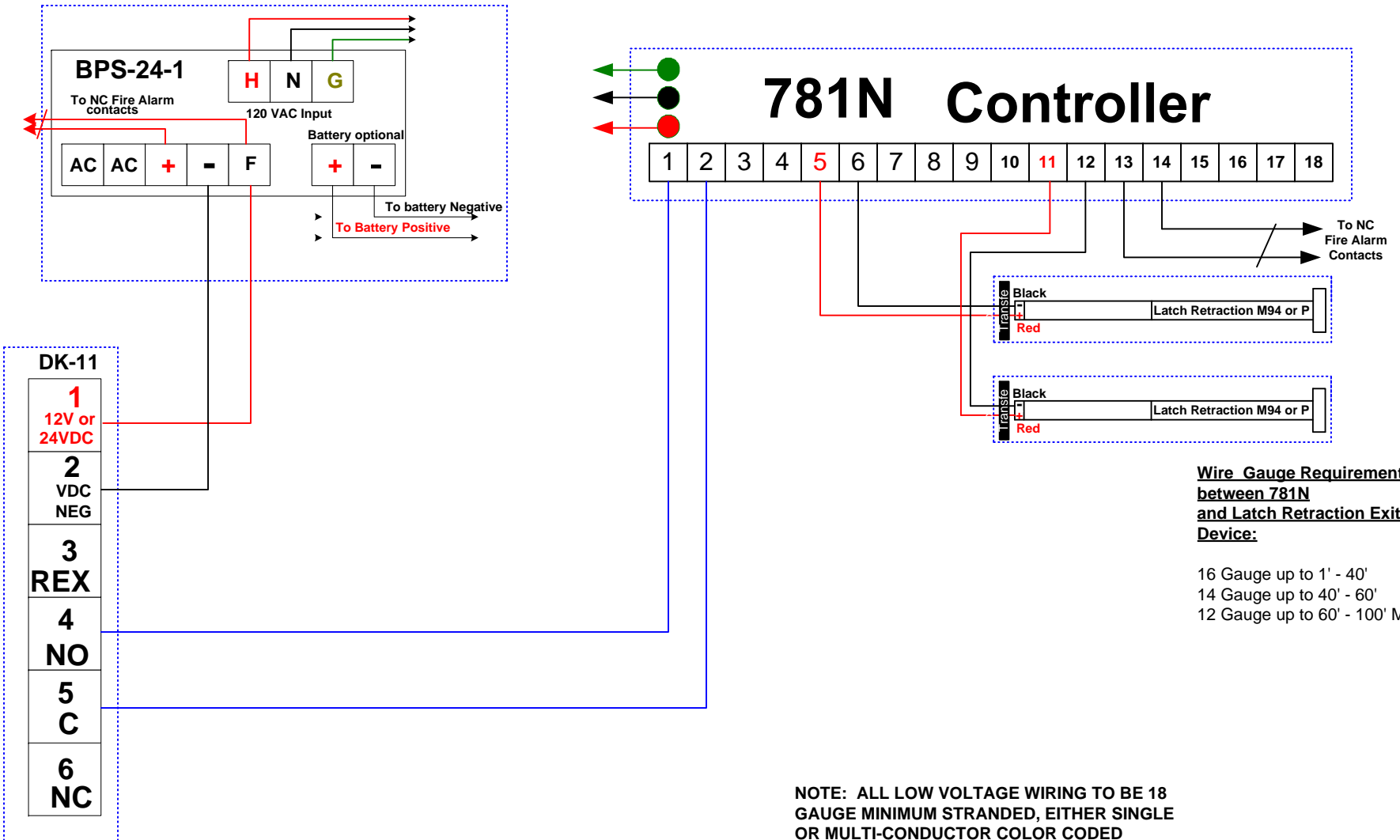
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Note: Rotating Key Switch Puts DEED in Maintained Bypass (Green LED). Rotate again to Rearm DEED (Red LED).



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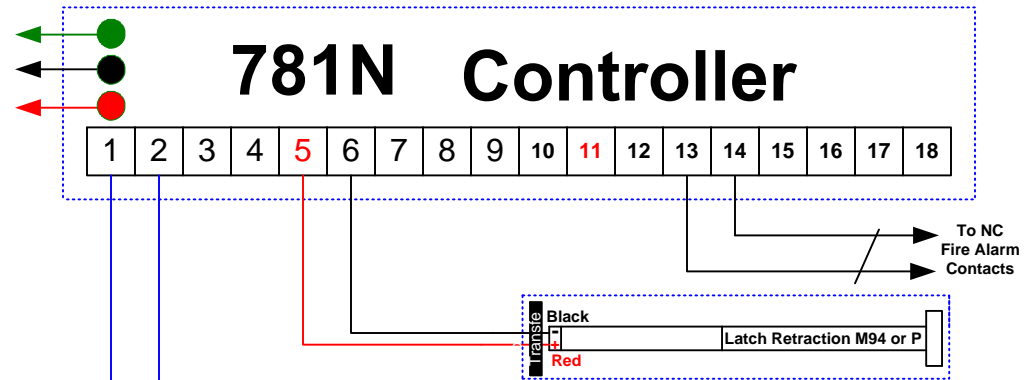
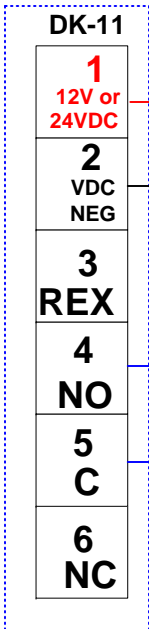
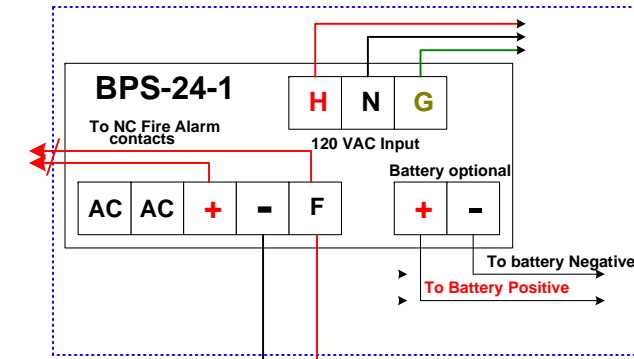




Wire Gauge Requirements between 781N and Latch Retraction Exit Device:

- 16 Gauge up to 1' - 40'
- 14 Gauge up to 40' - 60'
- 12 Gauge up to 60' - 100' MAX

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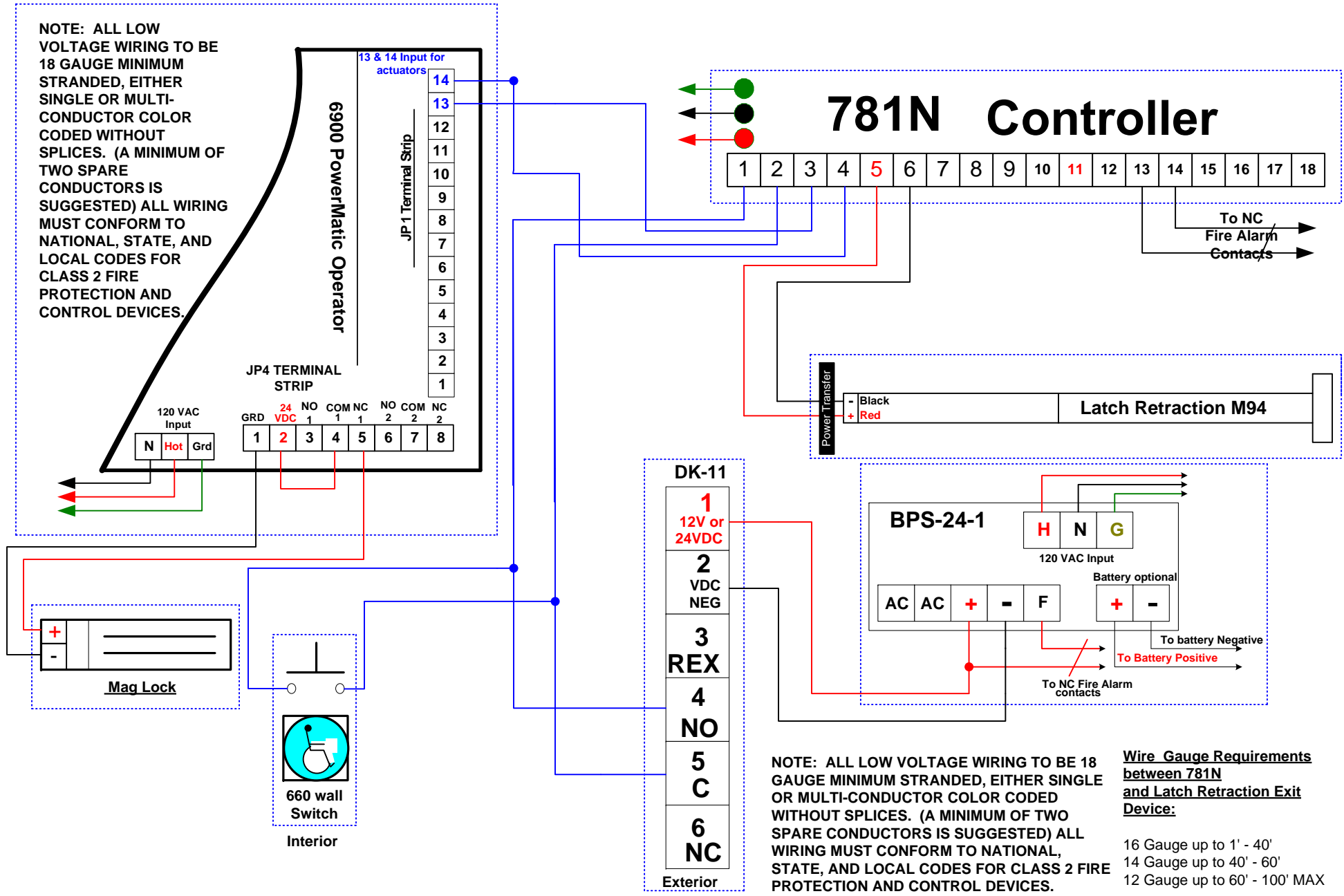


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781N Controller

- | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|

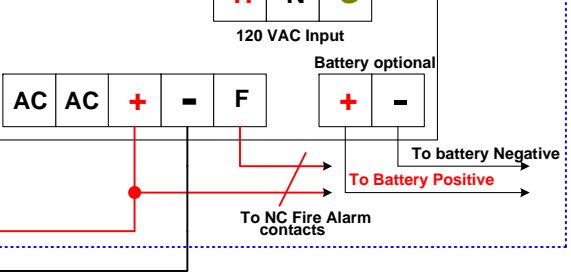
To NC Fire Alarm Contacts

Latch Retraction M94

DK-11

- | | |
|---|--------------|
| 1 | 12V or 24VDC |
| 2 | VDC NEG |
| 3 | REX |
| 4 | NO |
| 5 | C |
| 6 | NC |
- Exterior

BPS-24-1



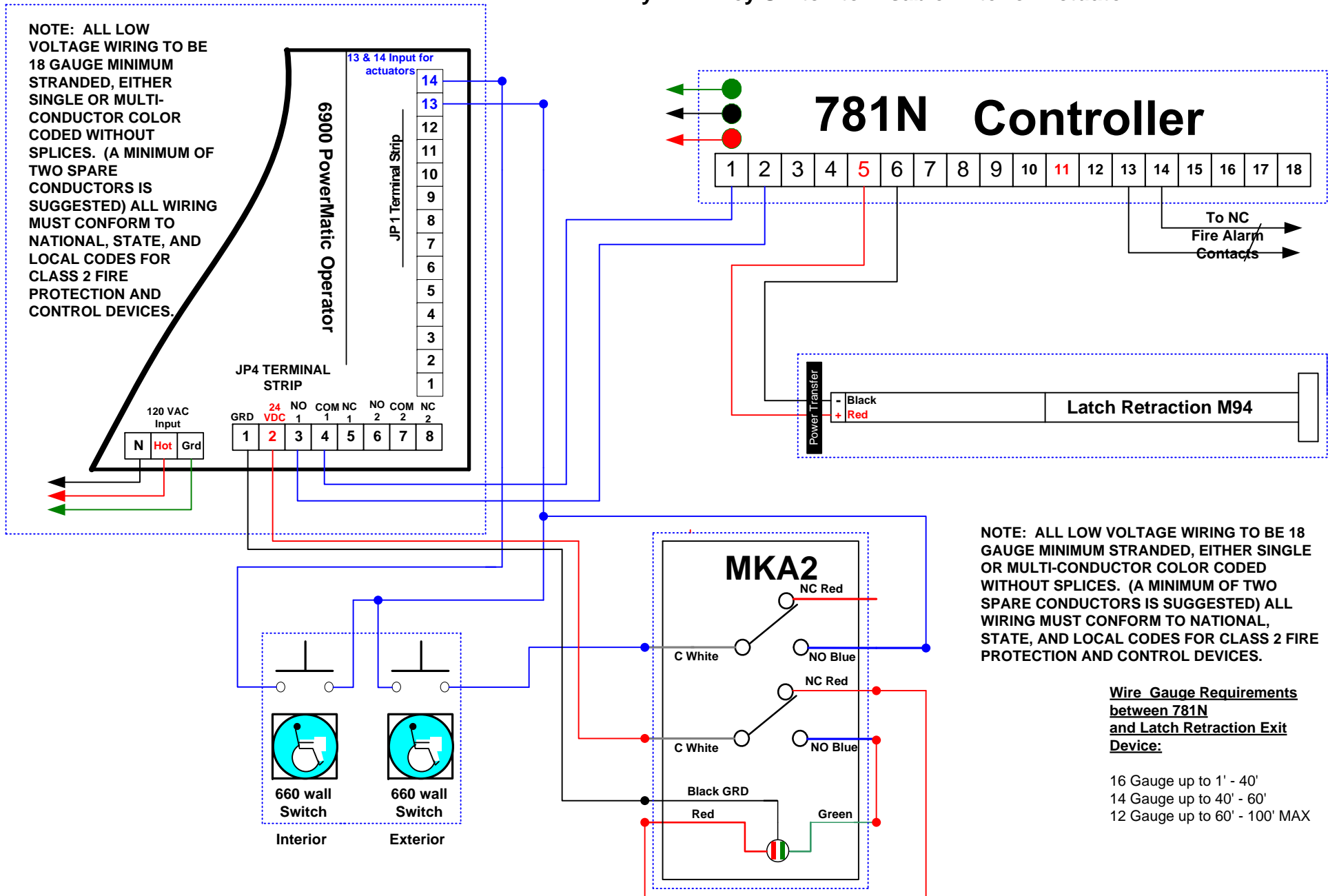
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ED4000/5000 x M94 x 6900 Powermatic x 2 Wall Plates
By MKA Key Switch to Disable Exterior Actuator

NOTE: ALL LOW VOLTAGE WIRING TO BE 18 GAUGE MINIMUM STRANDED, EITHER SINGLE OR MULTI-CONDUCTOR COLOR CODED WITHOUT SPLICES. (A MINIMUM OF TWO SPARE CONDUCTORS IS SUGGESTED) ALL WIRING MUST CONFORM TO NATIONAL, STATE, AND LOCAL CODES FOR CLASS 2 FIRE PROTECTION AND CONTROL DEVICES.



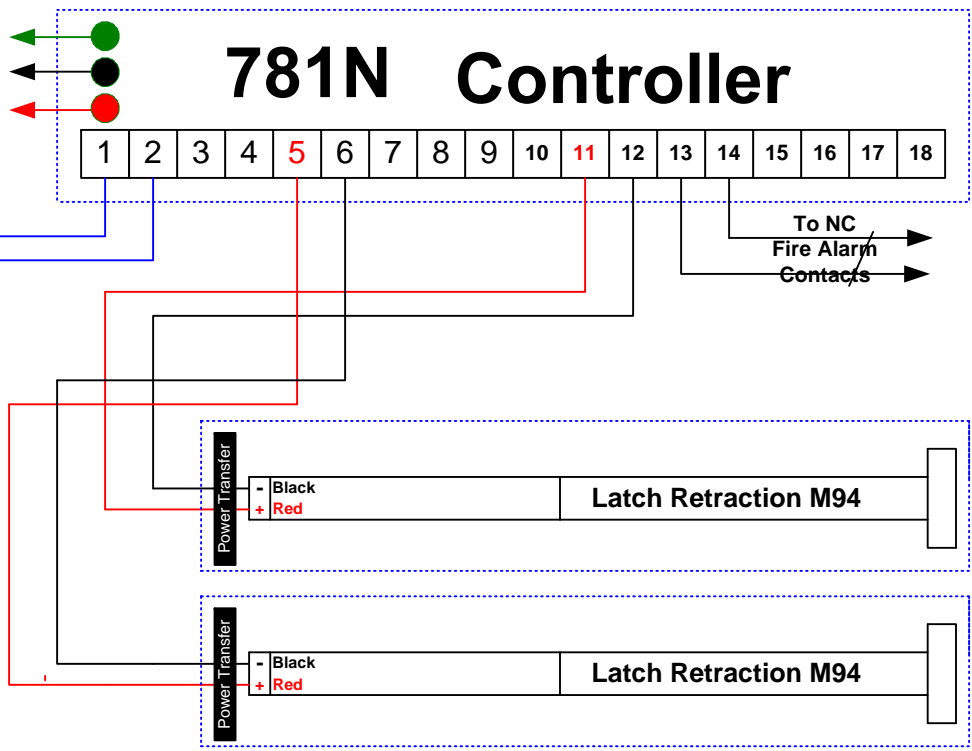
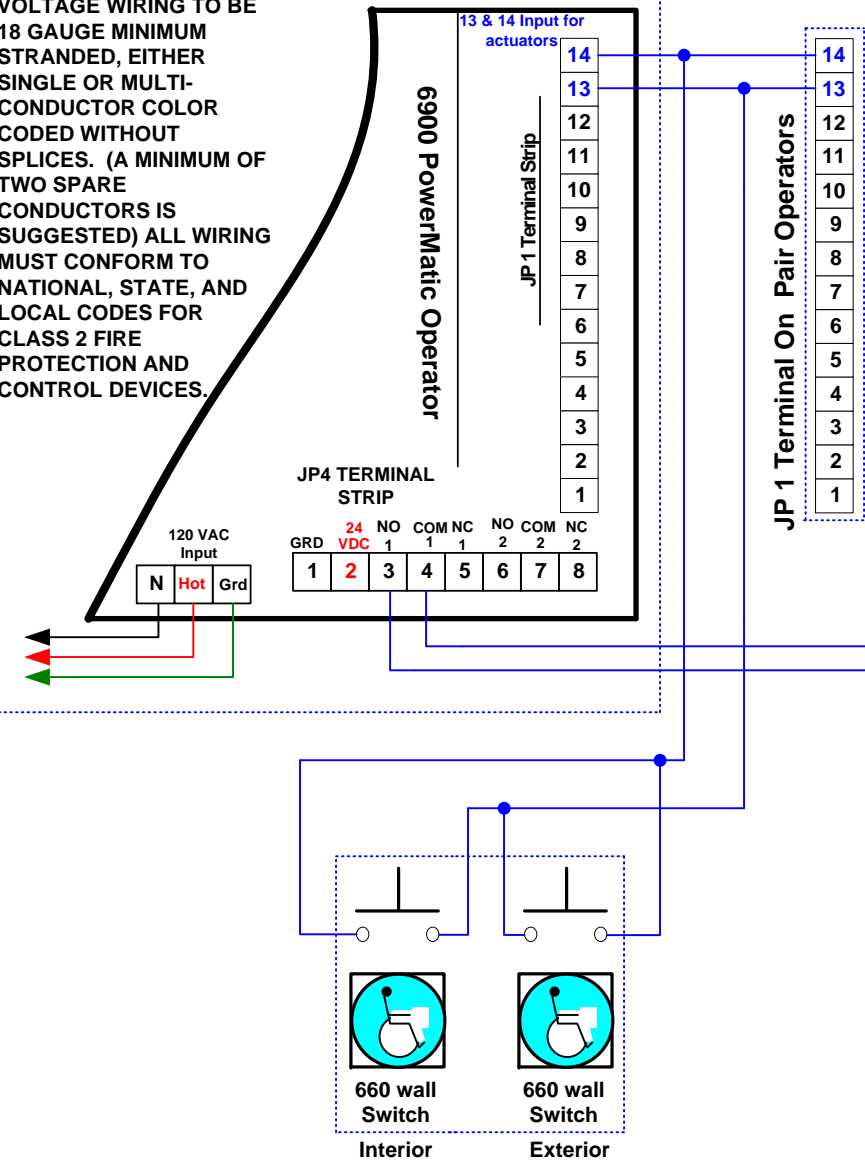
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2 - ED4000/5000 x M94 x 2 - 6900 Powermatic x 2 Actuators

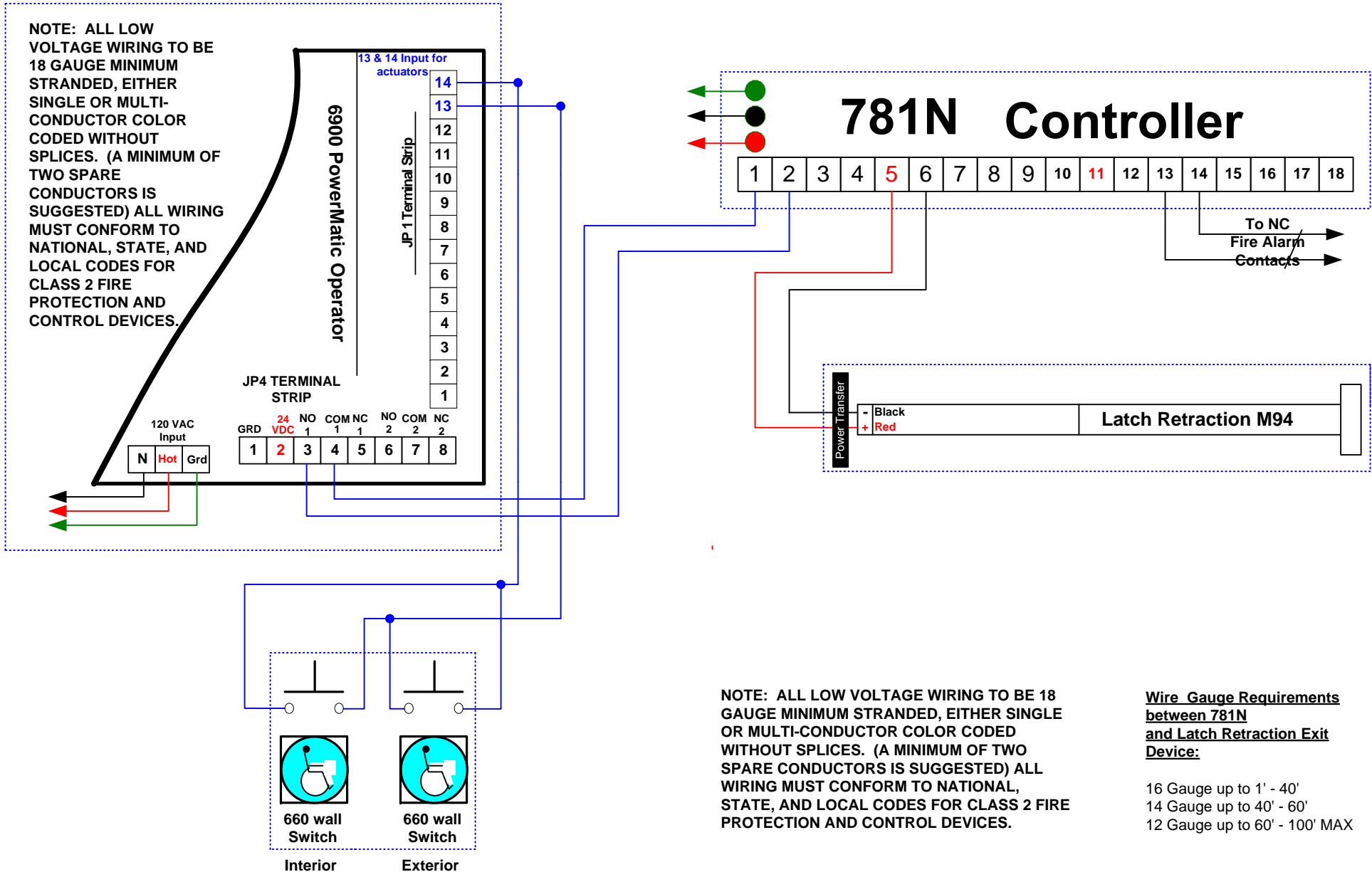


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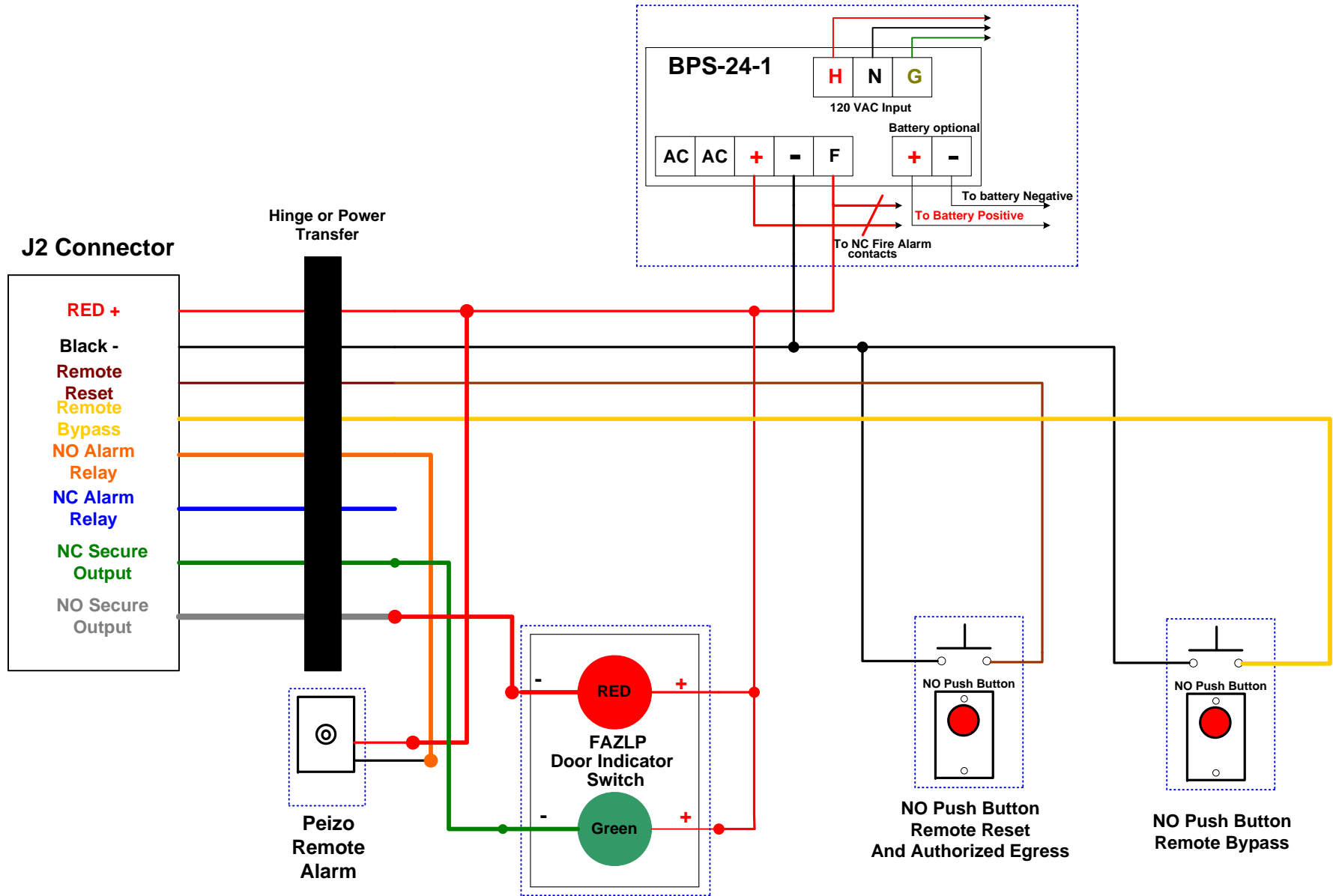
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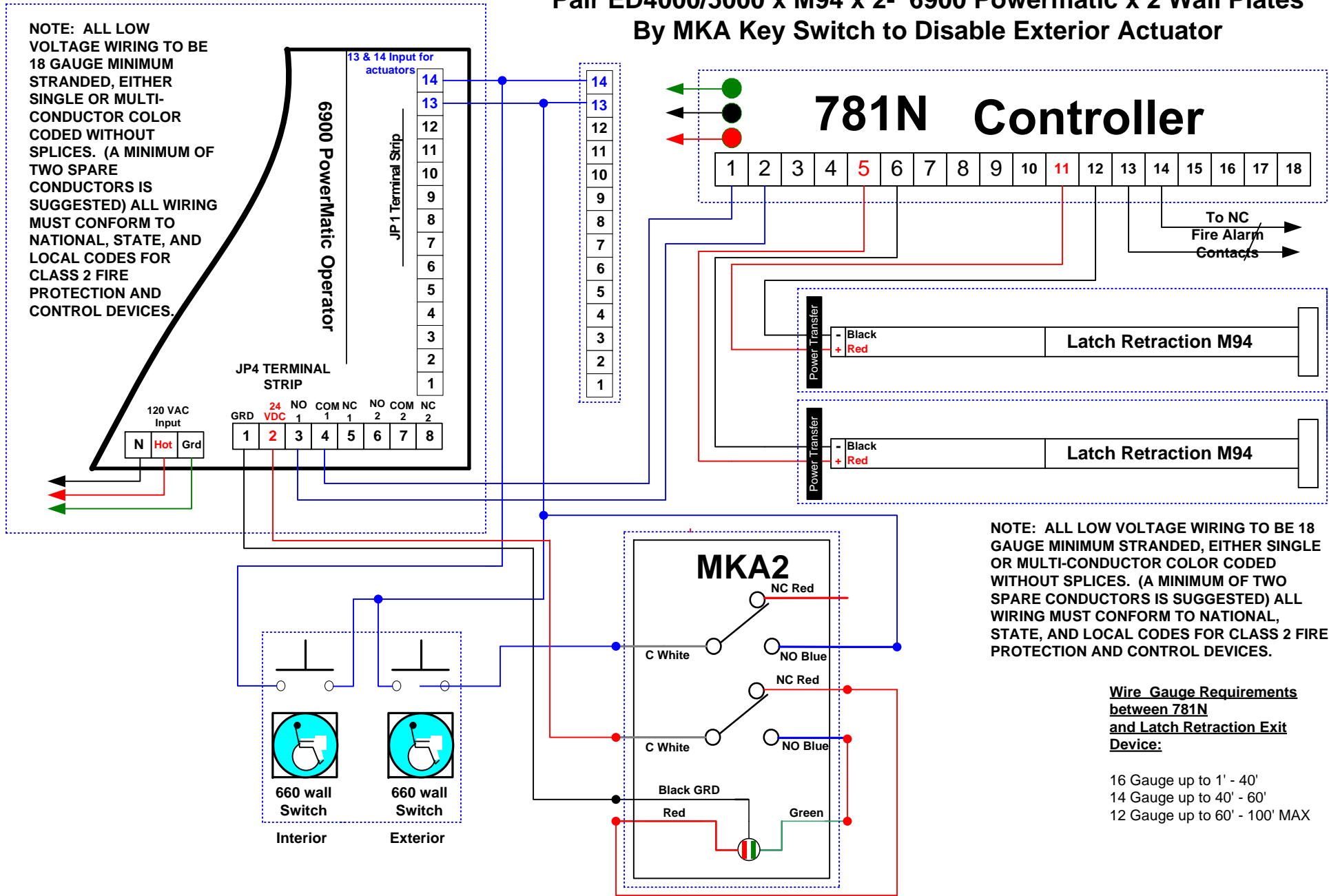
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Pair ED4000/5000 x M94 x 2- 6900 Powermatic x 2 Wall Plates
By MKA Key Switch to Disable Exterior Actuator

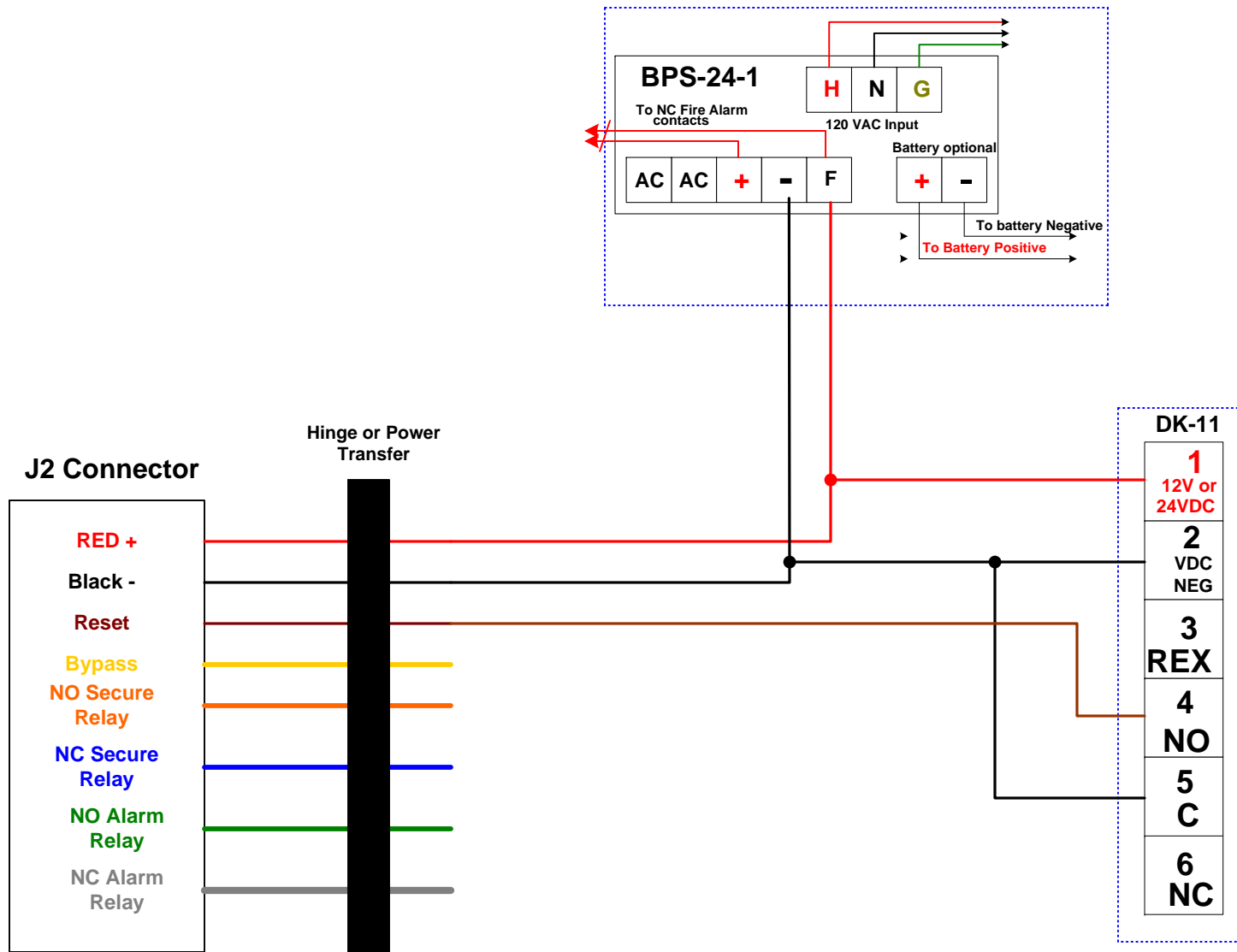
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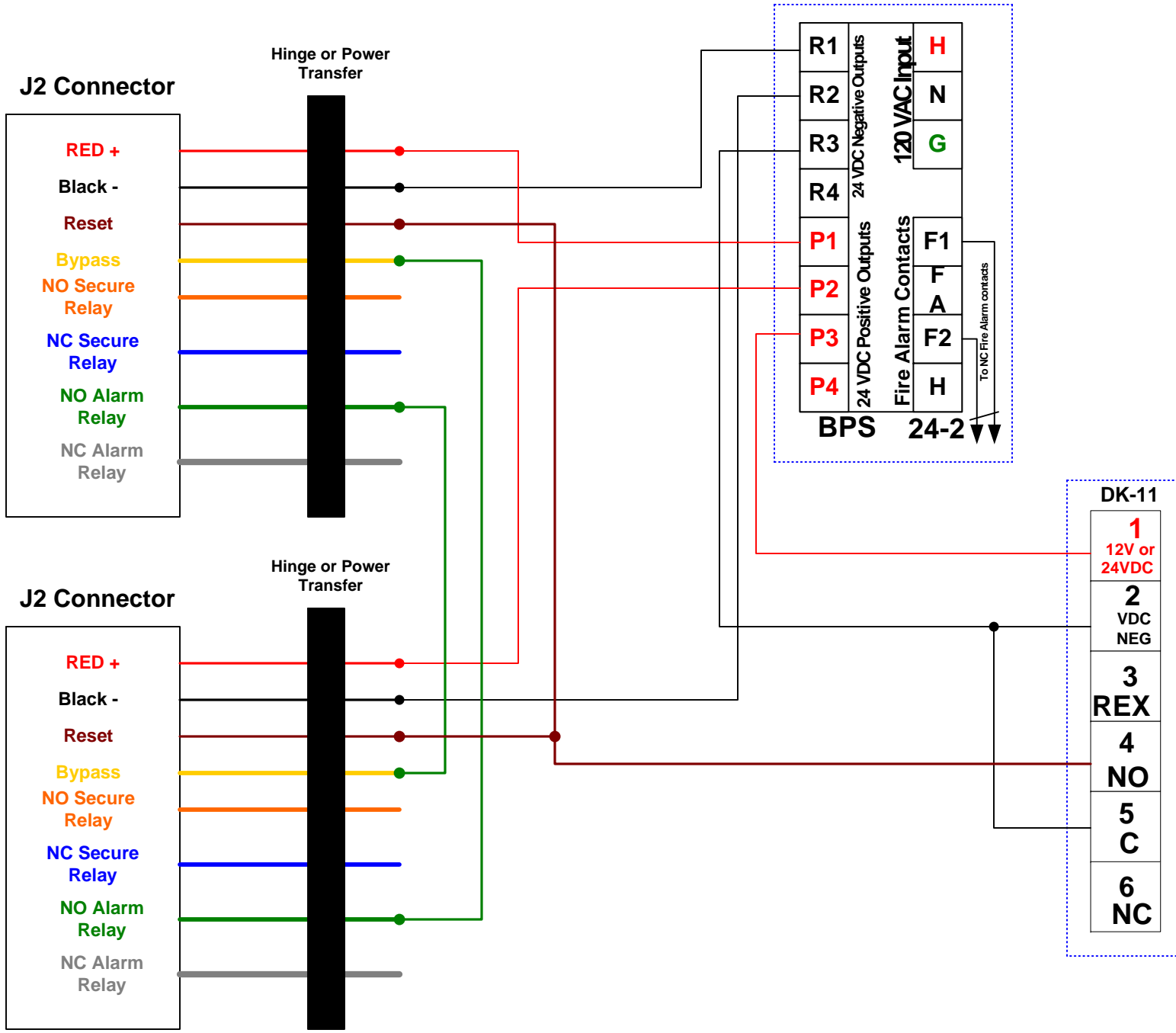


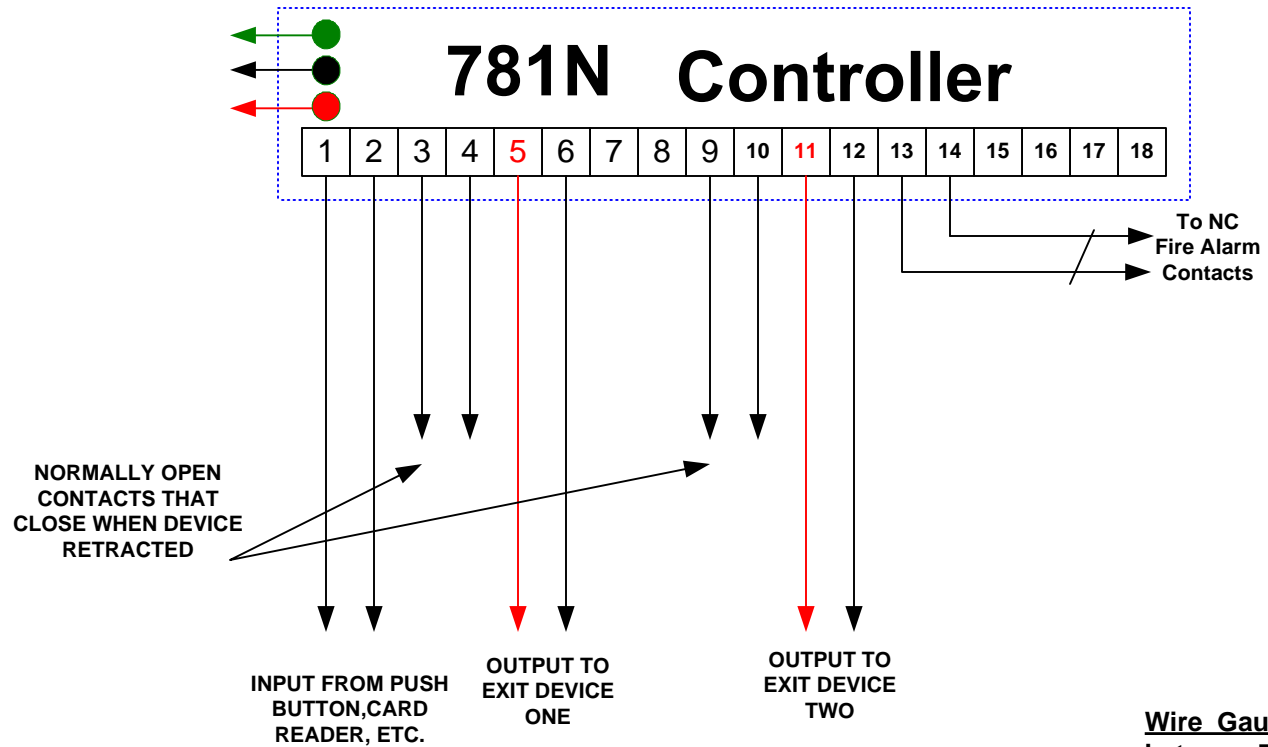
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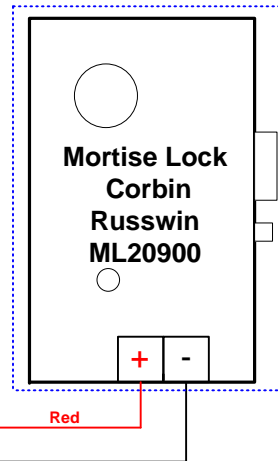
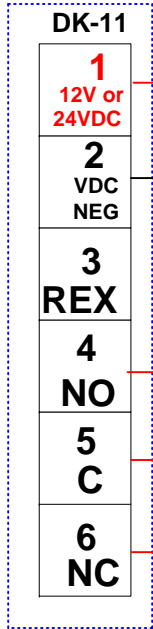
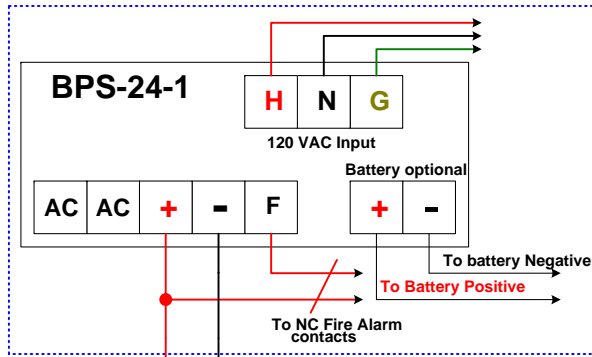






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Voltage:
 Locks are universal for AC or DC.
 With 12VAC/DC or 24VAC/DC.

Electrical Specifications
 800mA @ 12VAC/VDC
 390mA @ 24VAC/VDC
 Continuous duty solenoid
 Monitor Switch Rating: 4 amp @ 250VAC

Fail Safe
 ML20903
 ML20901
 ML20910
 ML20920

Fail Secure
 ML20904
 ML20905
 ML20930
 ML20940

Note: Fail Safe to NC Contact / Fail Secure to NO Contact

