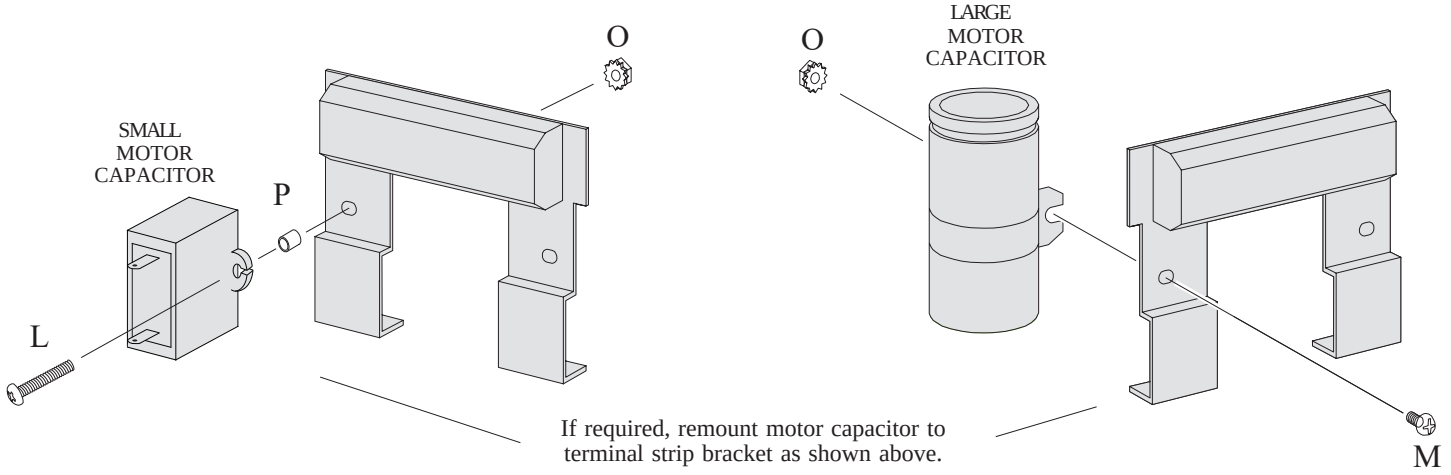
PEAKTRONICS

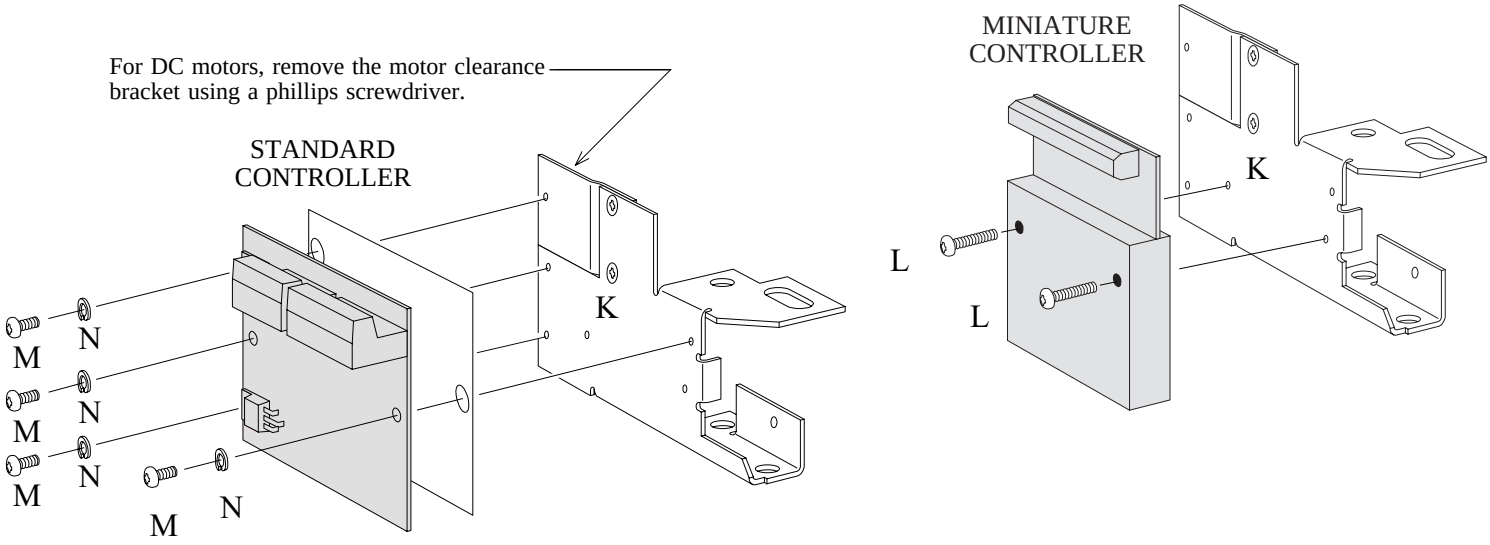
MKT-119

Actuator Controls Mounting Kit

ASSEMBLY DIAGRAM Noah Series I ver.1 NA015, 019, 028, 038, 050, 060, 080, 100, 150, 200, 250 Actuators



If required, remount motor capacitor to terminal strip bracket as shown above.



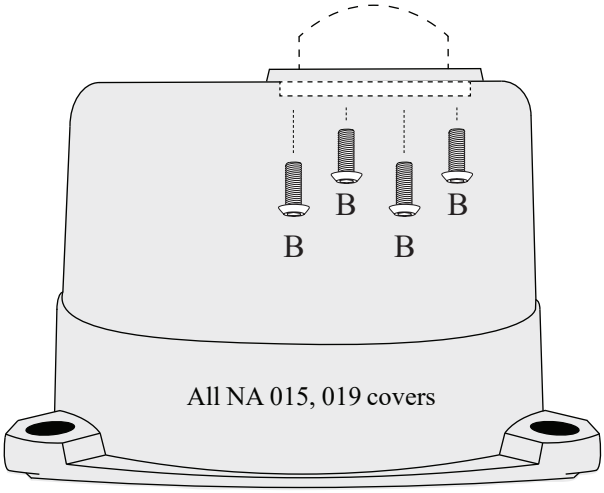
CONTROLLER INSTALLATION

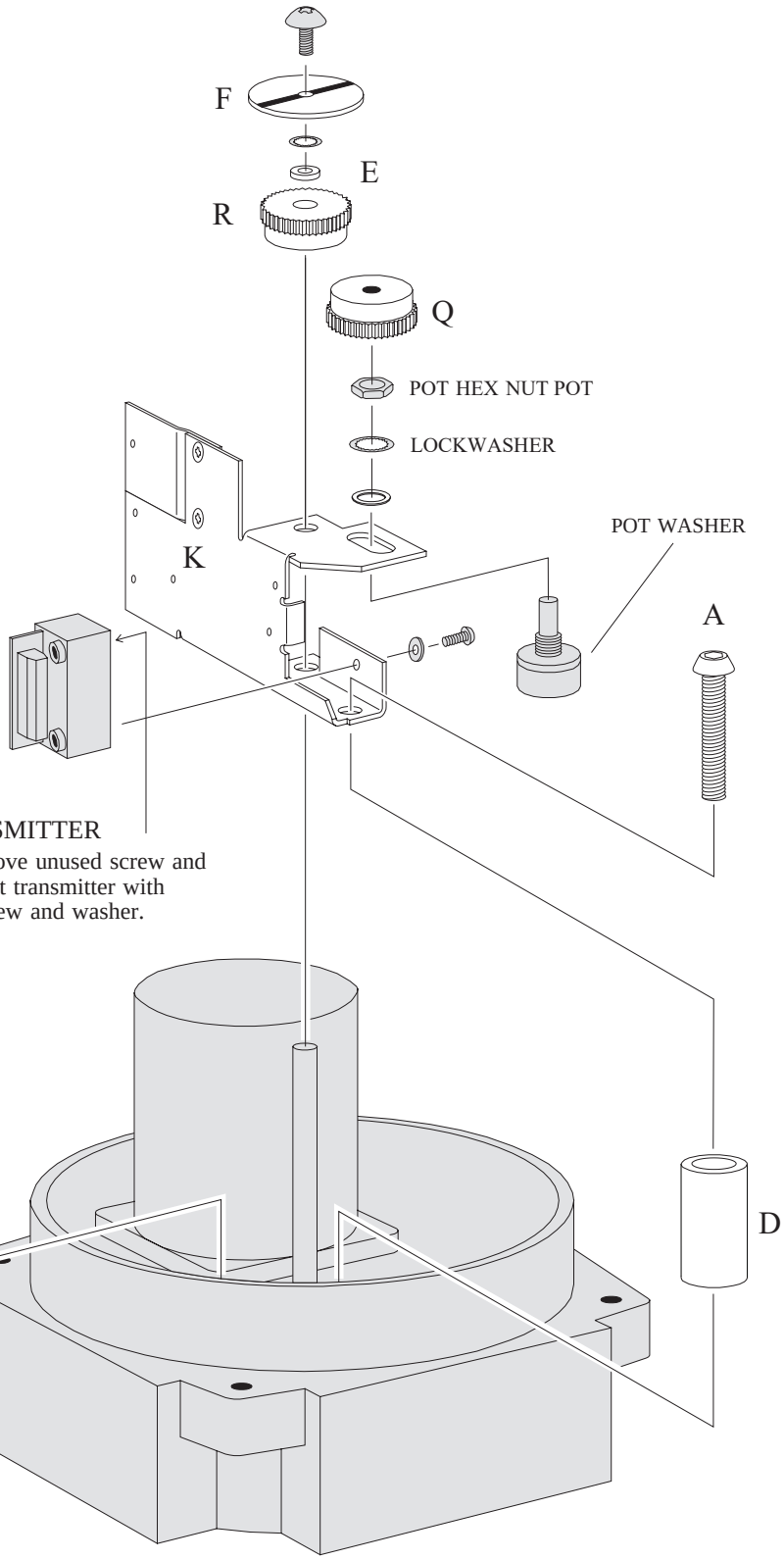
ASSEMBLY DIAGRAM

Noah NA015, 019 Actuators

NA-015, 019 COVER PREPARATION

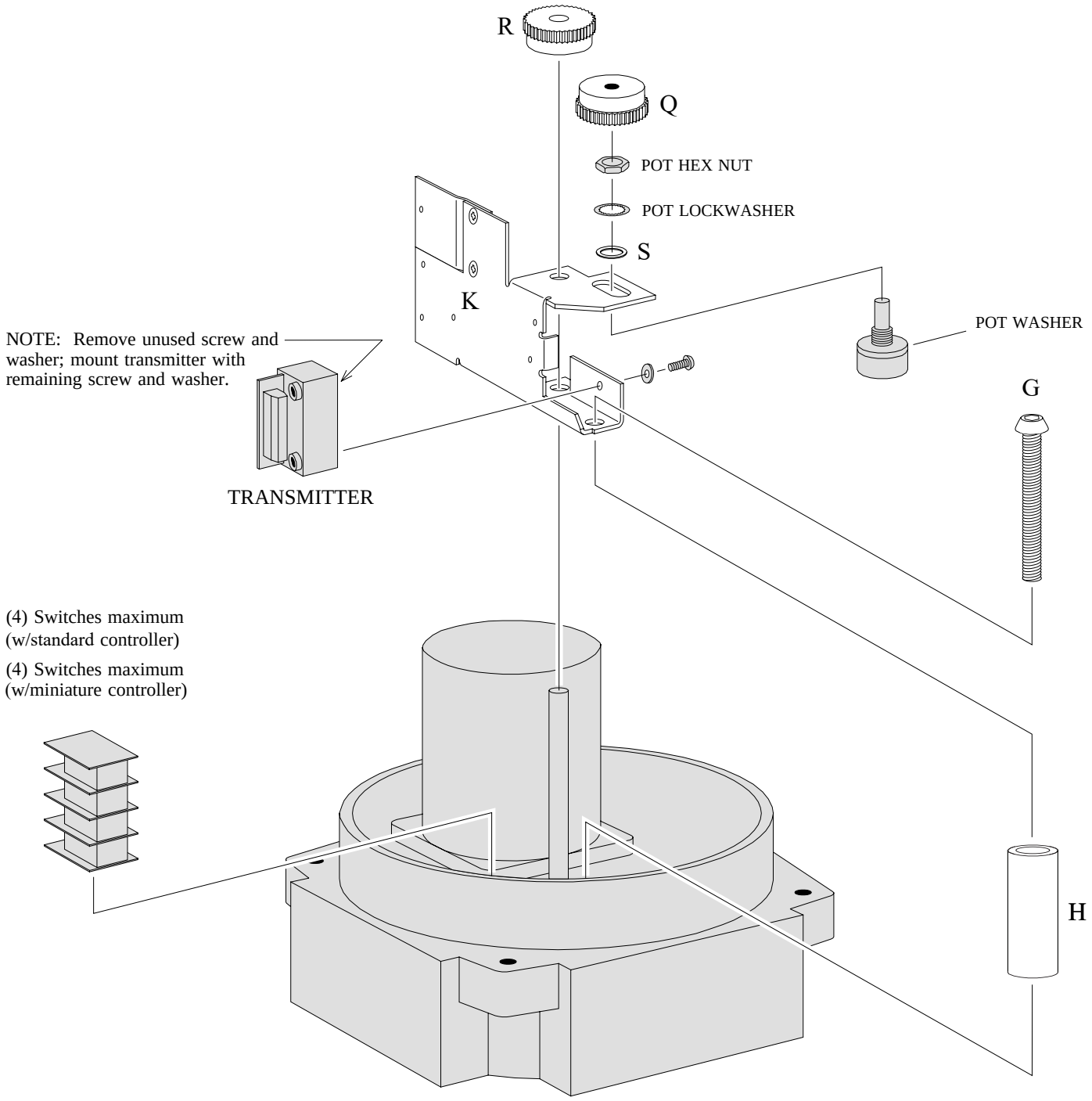
Replace (4) socket head cap screws in coverwith (4) button head screws marked "B".





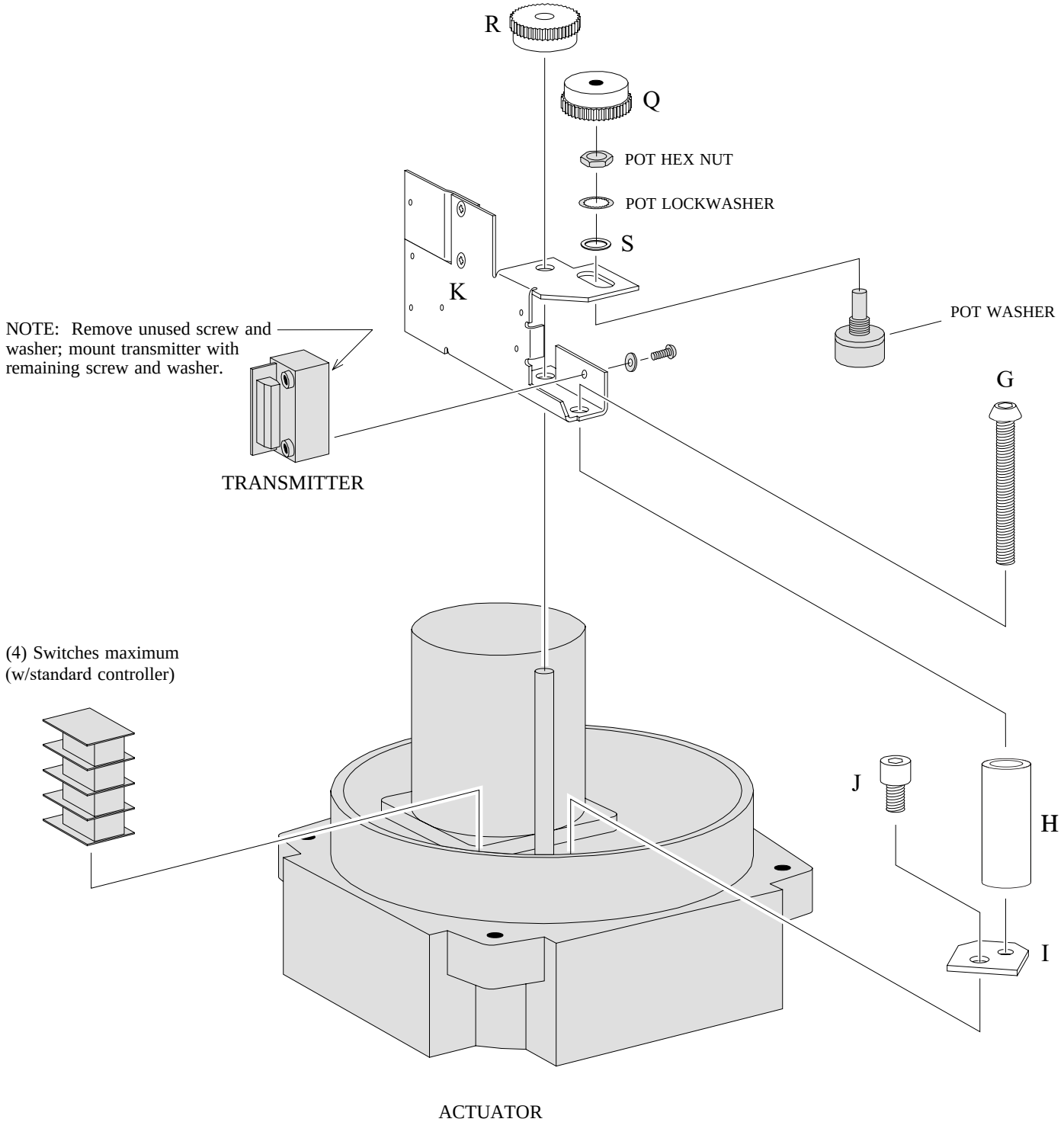
ASSEMBLY DIAGRAM

Noah NA028, 038, 050 Actuators



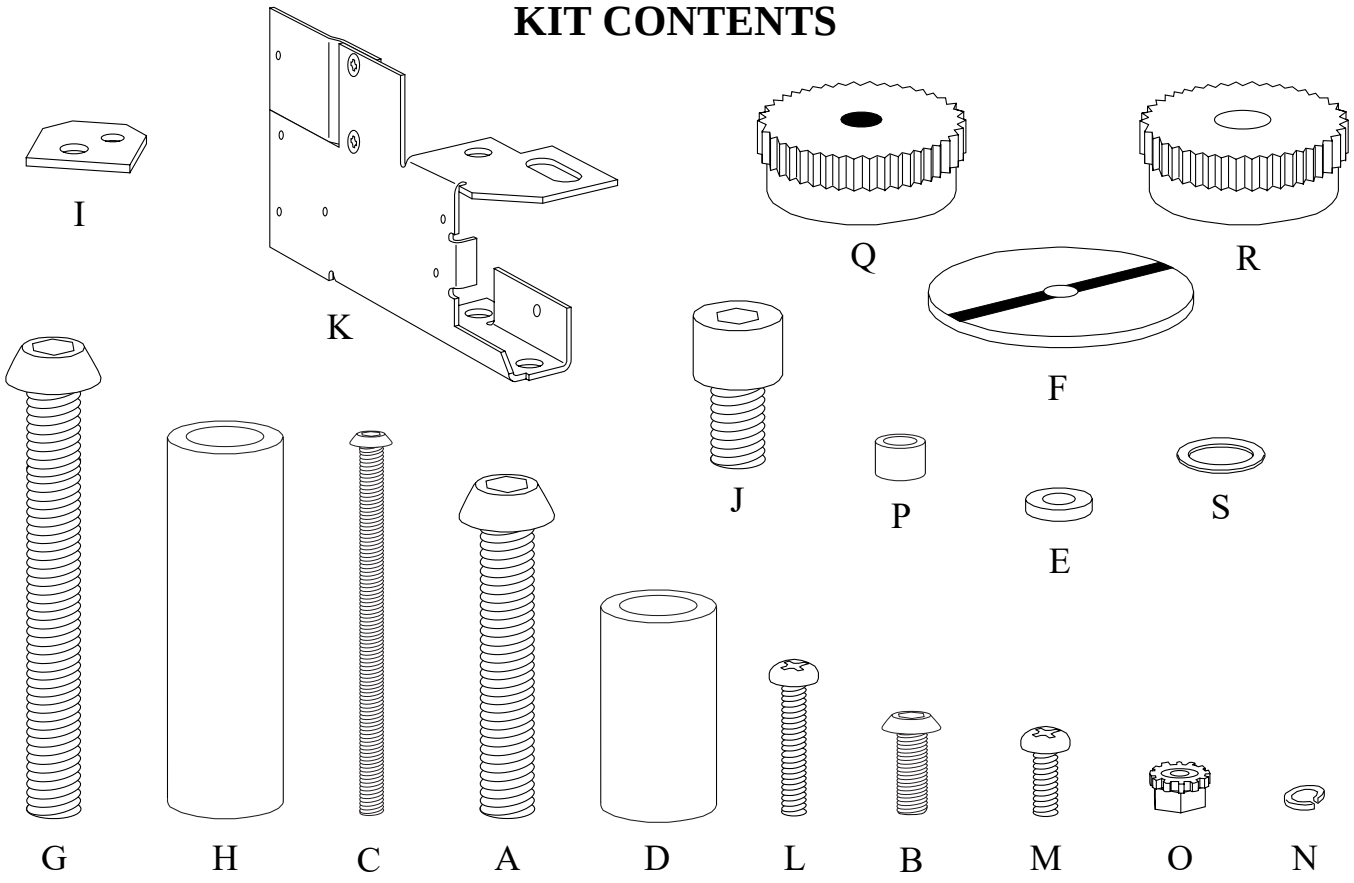
ASSEMBLY DIAGRAM

Noah NA060, 080, 100, 150, 200, 250 Actuators



ACTUATOR

KIT CONTENTS



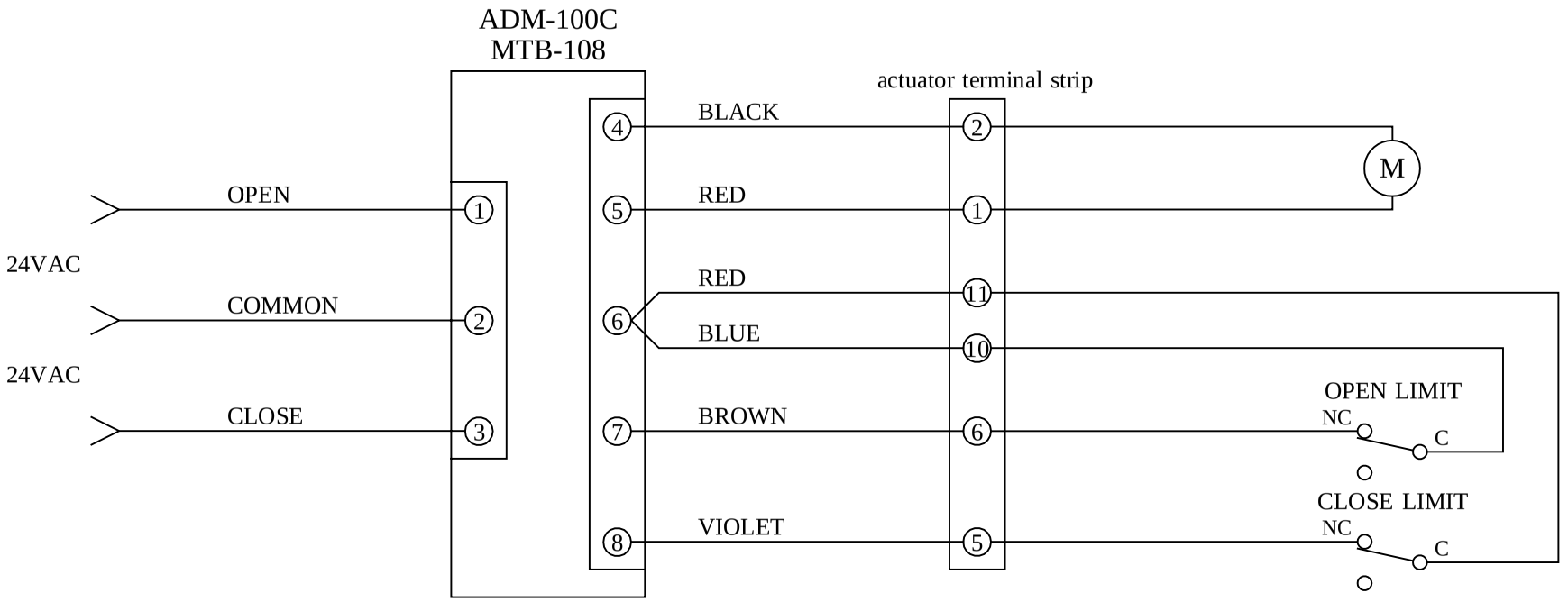
ITEM	QTY	DESCRIPTION
A	1	8mm/1.25mm x 40mm button head cap screw (NA015, 019)
B	4	5mm/0.8mm x 10mm button head cap screw (NA015, 019)
C	2	3mm/0.5mm x 50mm button head cap screw (NA015, 019)
D	1	1.125" CPVC spacer (0.675" O.D.) (NA015, 019)
E	1	#10 nylon washer, 0.062" thick (NA015, 019 NEMA 7)
F	1	1.5" indicator dial (NA015, 019 NEMA 7)
G	1	8mm/1.25mm x 60mm button head cap screw (NA028-NA250)
H	1	1.969" CPVC spacer (0.675" O.D.) (NA028-NA250)
I	1	adaptor plate (NA060-NA250)
J	1	8mm/1.25mm x 12mm socket head cap screw (NA060-NA250)
K	1	actuator bracket w/motor clearance bracket
L	3	#6-32 x 0.75" pan head screw
M	5	#6-32 x 0.375" pan head screw
N	4	#6 split ring lockwasher
O	1	#6-32 keps nut
P	1	#6 x 0.187” nylon spacer
Q	1	potentiometer gear
R	1	output shaft gear
S	1	potentiometer anti-slip washer
not shown	2	16" red wire
not shown	2	16" white wire
not shown	1	16" blue wire
not shown	1	16" black wire
not shown	3	6.3" nylon tie wrap

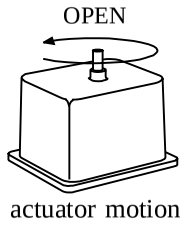
AC to DC MODULE

WIRING DIAGRAM

Noah NA015, 019, 028 Actuators

The ADM-100C AC to DC Module allows a 24VDC actuator to be controlled like a 24VAC split phase motor actuator.





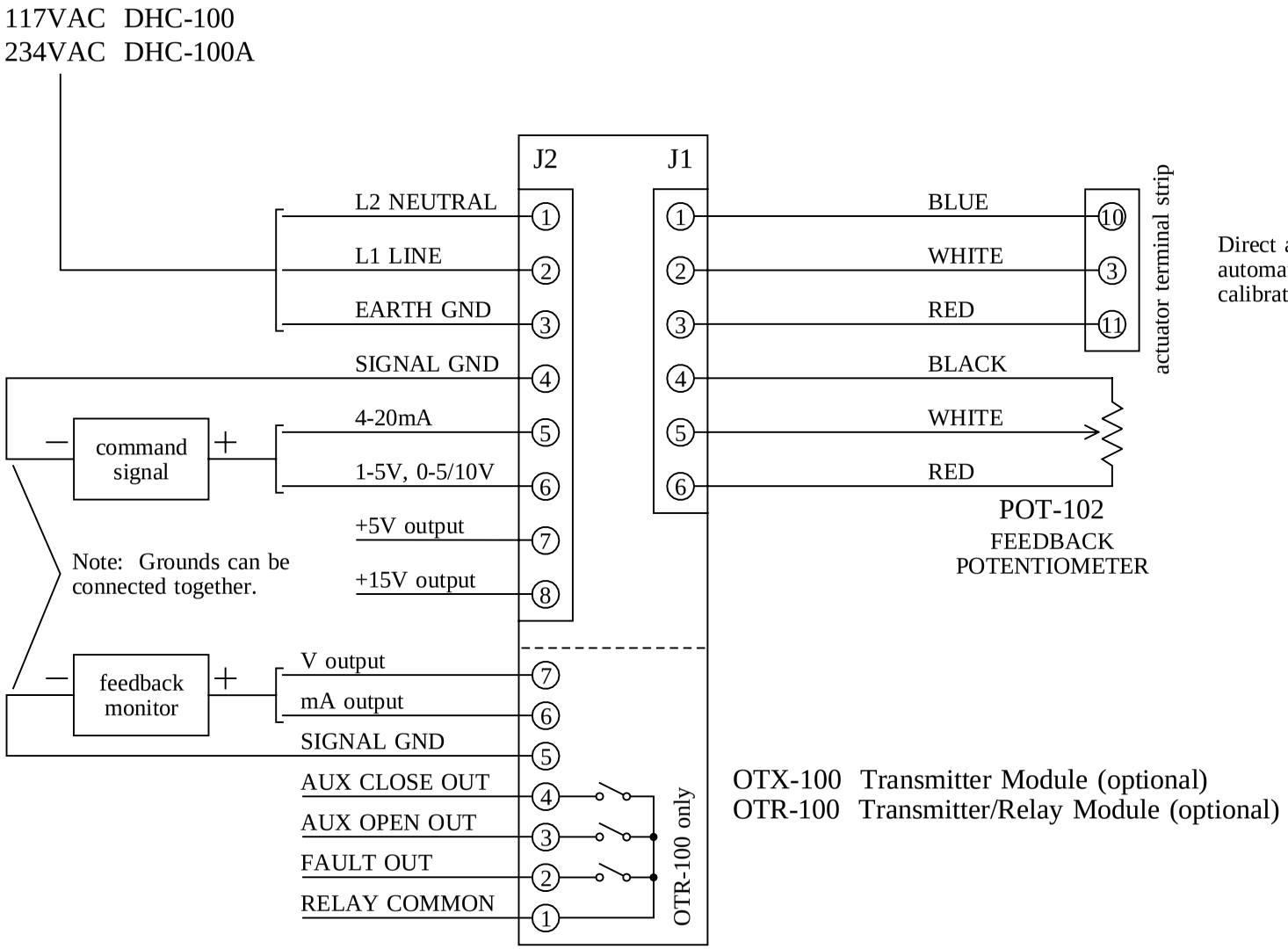
actuator motion

PEAKTRONICS, Inc. 1363 Anderson Clawson, MI 48017 Phone (248) 542-5640 www.peaktronics.com sales@peaktronics.com 800-178G

AC DIGITAL POSITIONERS

WIRING DIAGRAM

Noah NA015, 019, 028, 038, 050, 060, 080, 100, 150, 200, 250 Actuators



Direct acting or reverse acting is automatically set during calibration of close and open.

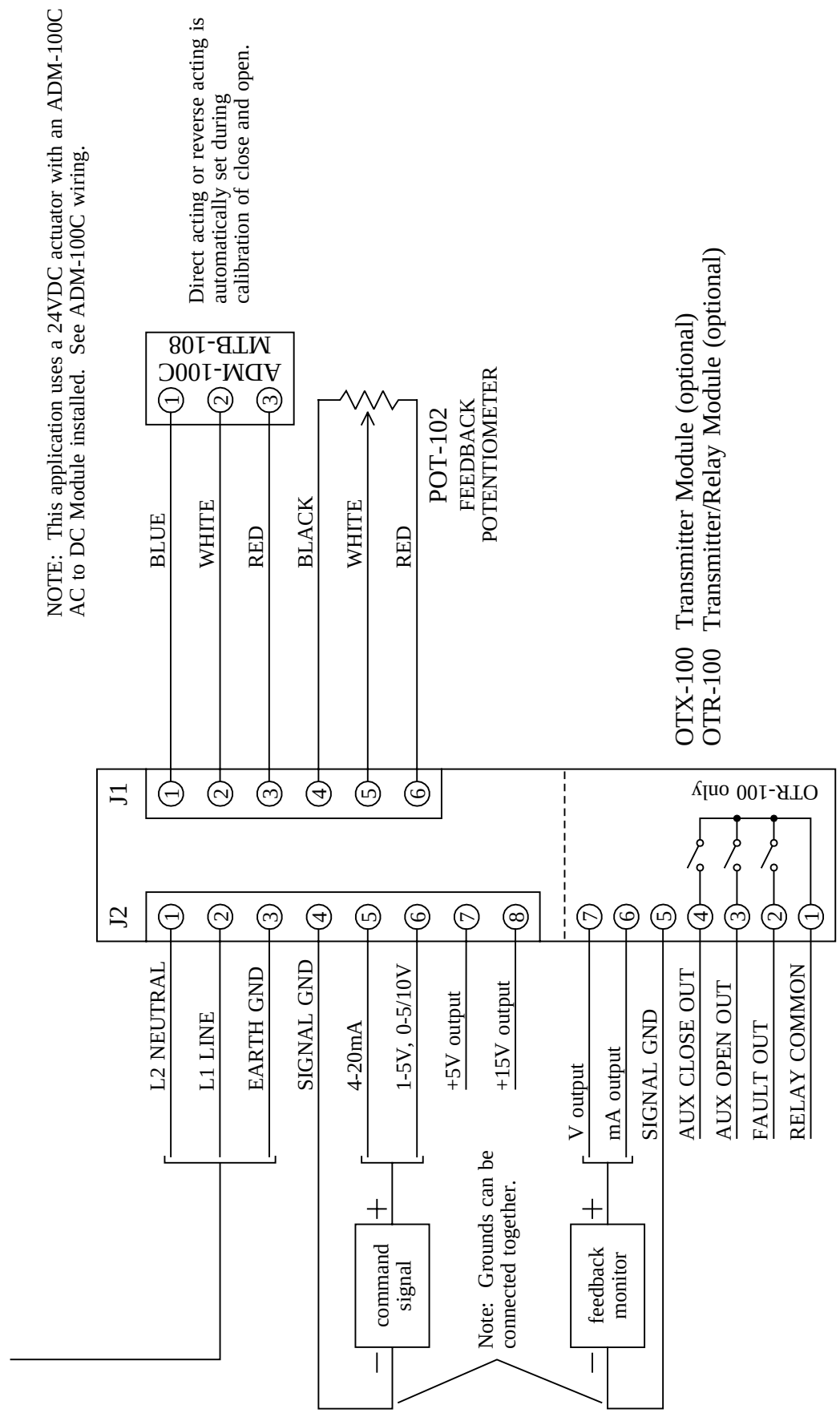
OTX-100 Transmitter Module (optional)
OTR-100 Transmitter/Relay Module (optional)

PEAKTRONICS, Inc. 1363 Anderson Clawson, MI 48017 Phone (248) 542-5640 www.peaktronics.com sales@peaktronics.com 800-178G

24VAC DIGITAL POSITIONER

WIRING DIAGRAM

Noah NA015, 019, 028 Actuators

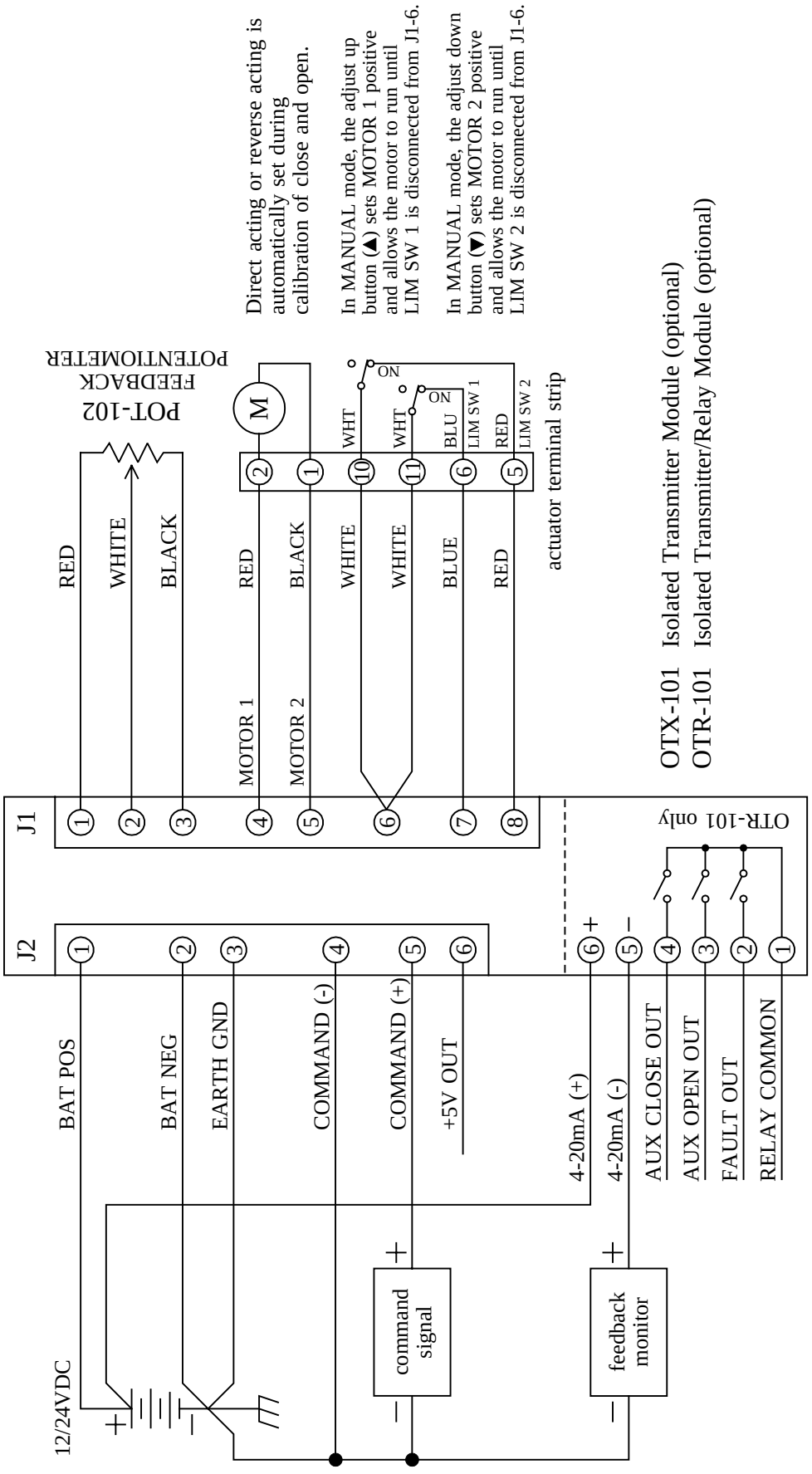


DC DIGITAL POSITIONER

WIRING DIAGRAM

Noah NA015, 019, 028 Actuators

DHC-400

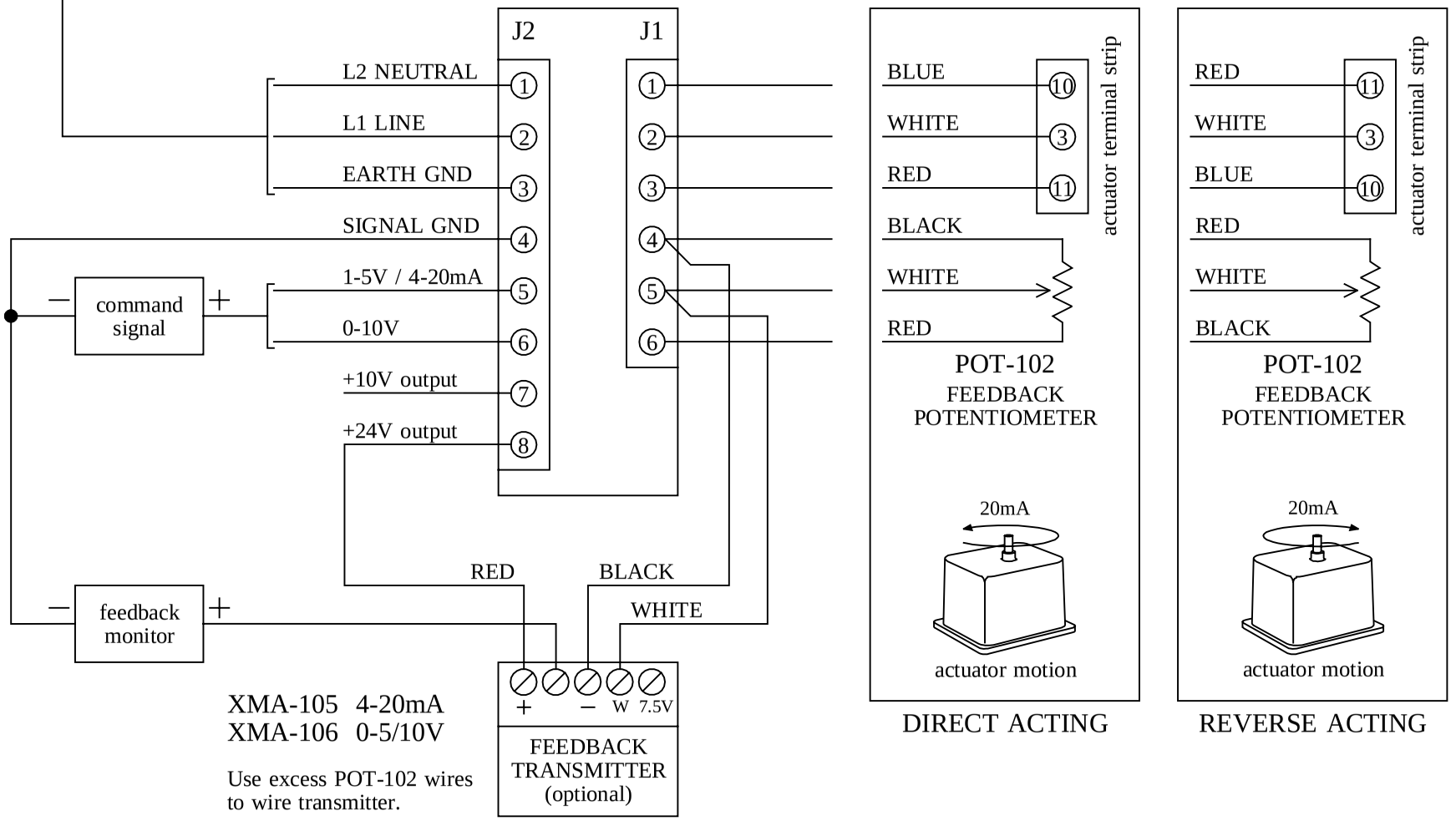


AC ANALOG / LOG RATE POSITIONERS (standard)

WIRING DIAGRAM

Noah NA015, 019, 028, 038, 050, 060, 080, 100 Actuators

117VAC AMC-101A / LRC-101A / LRC-101G
234VAC AMC-101C / LRC-101B / LRC-101H



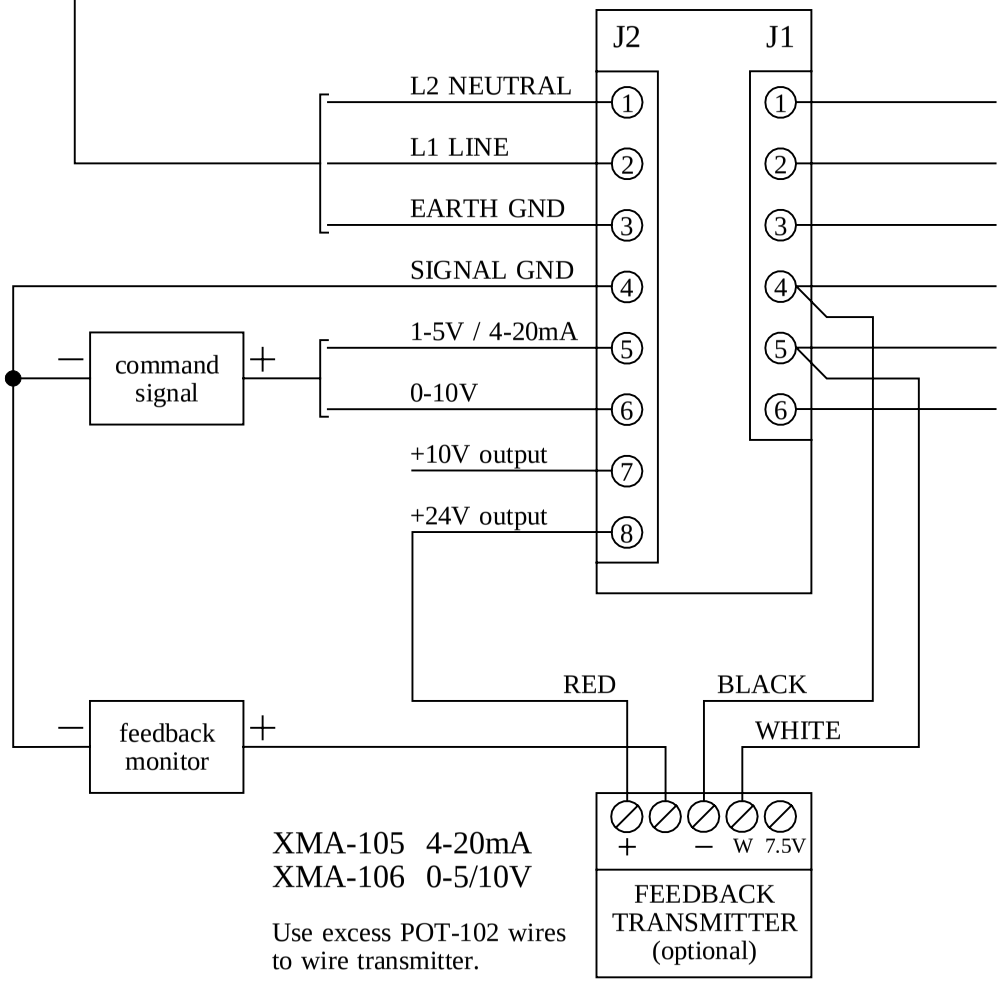
PEAKTRONICS, Inc. 1363 Anderson Clawson, MI 48017 Phone (248) 542-5640 www.peaktronics.com sales@peaktronics.com 800-178G

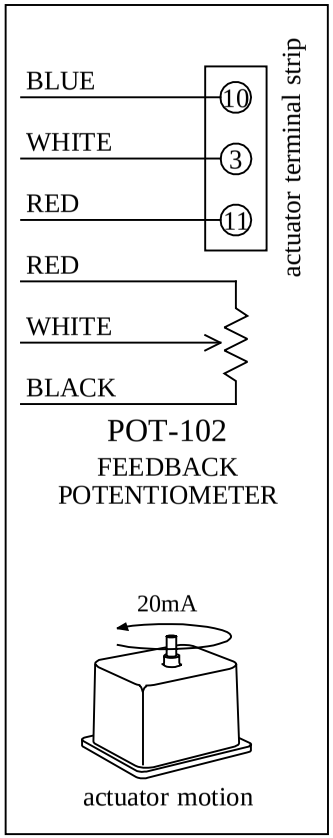
AC ANALOG / LOG RATE POSITIONERS (standard)

WIRING DIAGRAM

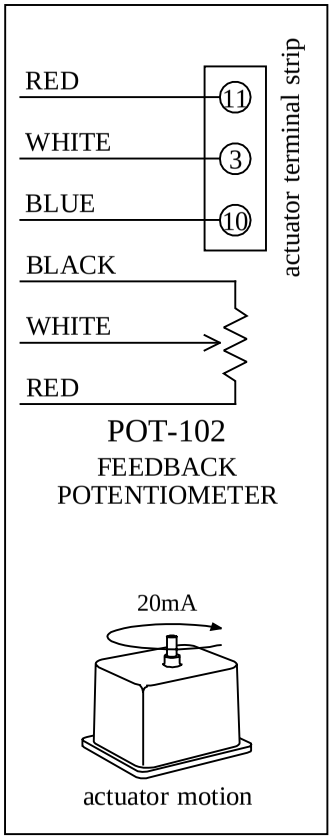
Noah NA150, 200, 250 Actuators

117VAC AMC-101A / LRC-101A / LRC-101G
234VAC AMC-101C / LRC-101B / LRC-101H





DIRECT ACTING



REVERSE ACTING

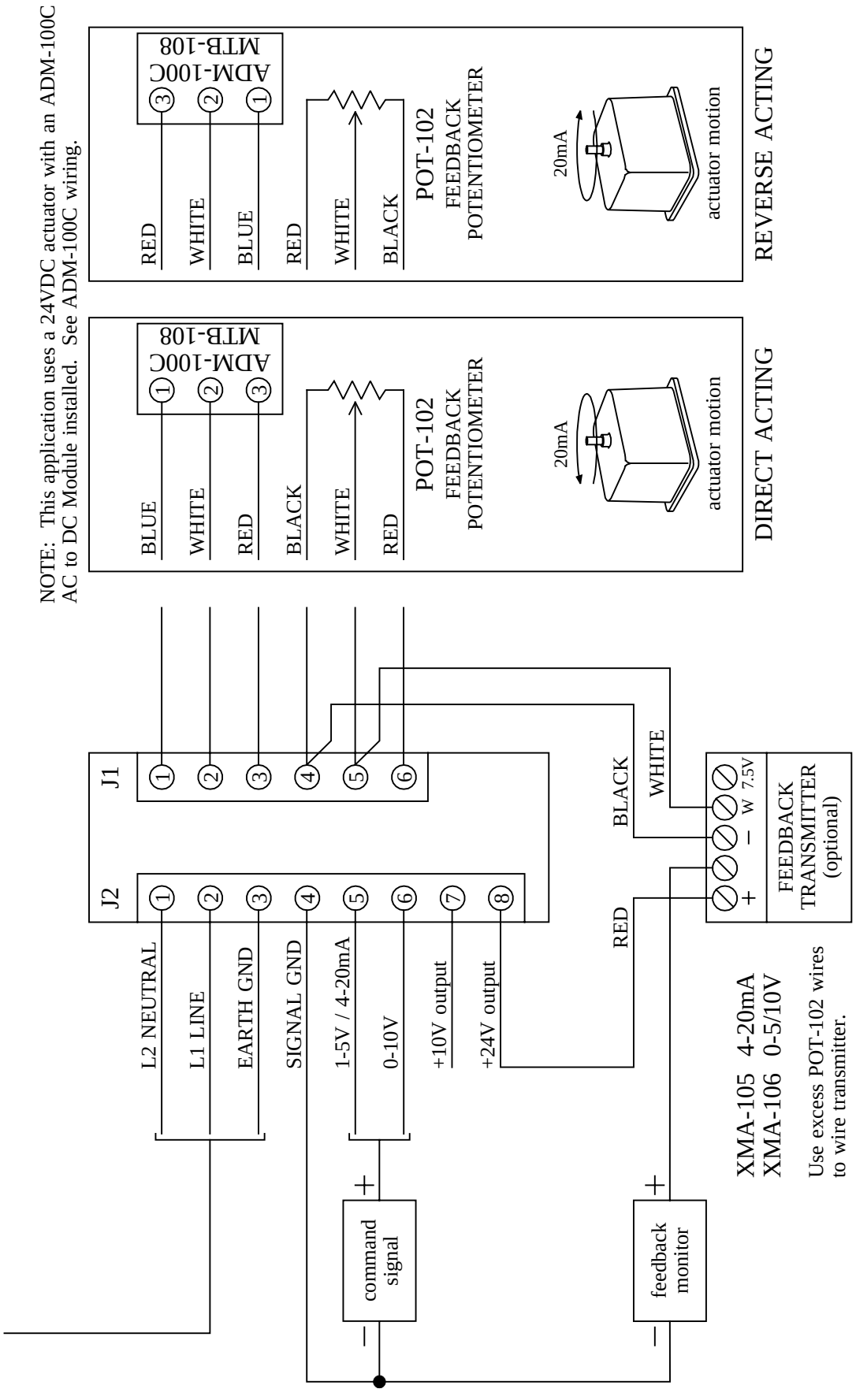
PEAKTRONICS, Inc. 1363 Anderson Clawson, MI 48017 Phone (248) 542-5640 www.peaktronics.com sales@peaktronics.com 800-178G

24VAC ANALOG / LOG RATE POSITIONERS (standard)

Noah NA015, 019, 028 Actuators

WIRING DIAGRAM

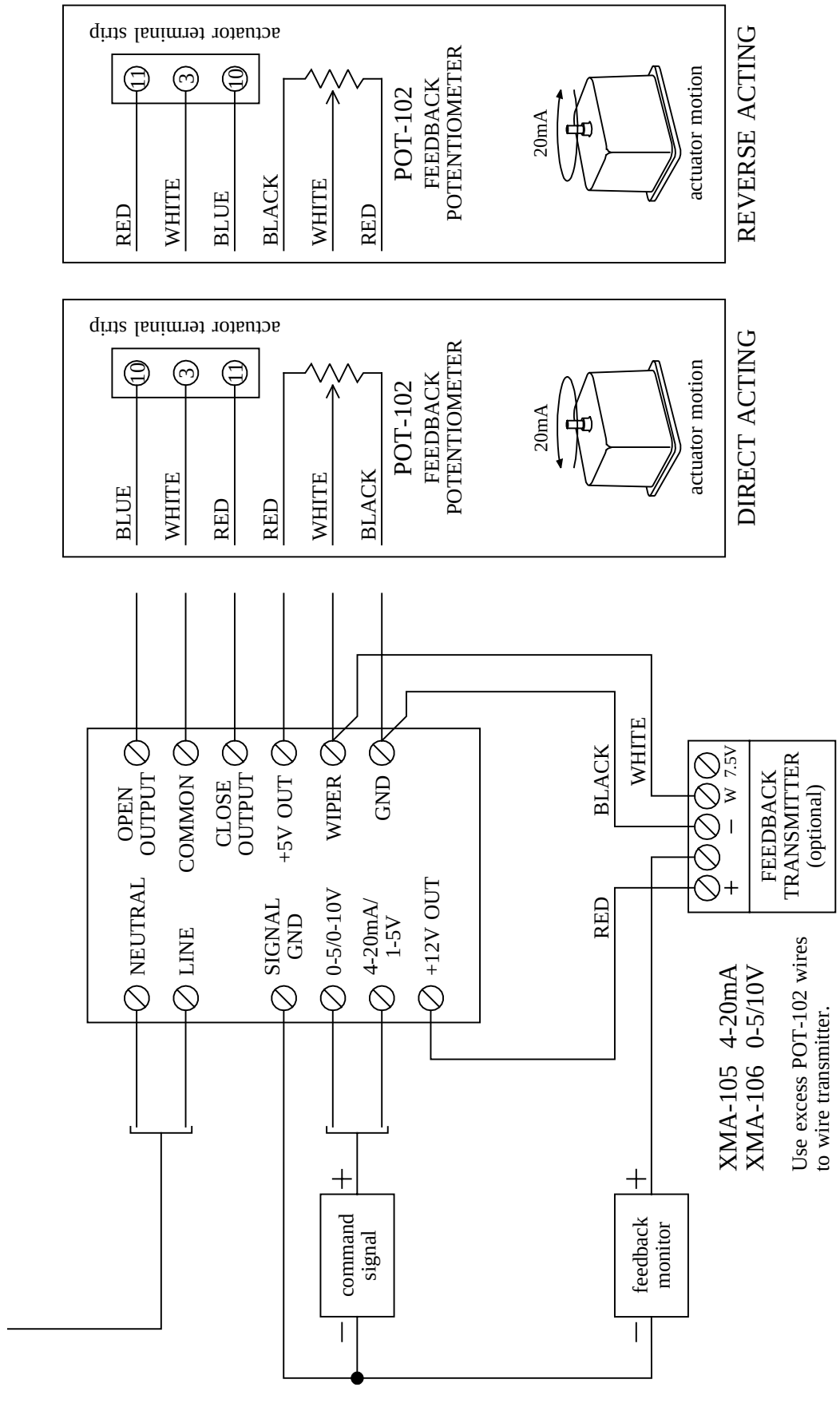
24VAC AMC-101E / LRC-101C / LRC-101I



AC ANALOG POSITIONERS (miniature)

WIRING DIAGRAM

Noah NA015, 019, 028 Actuators

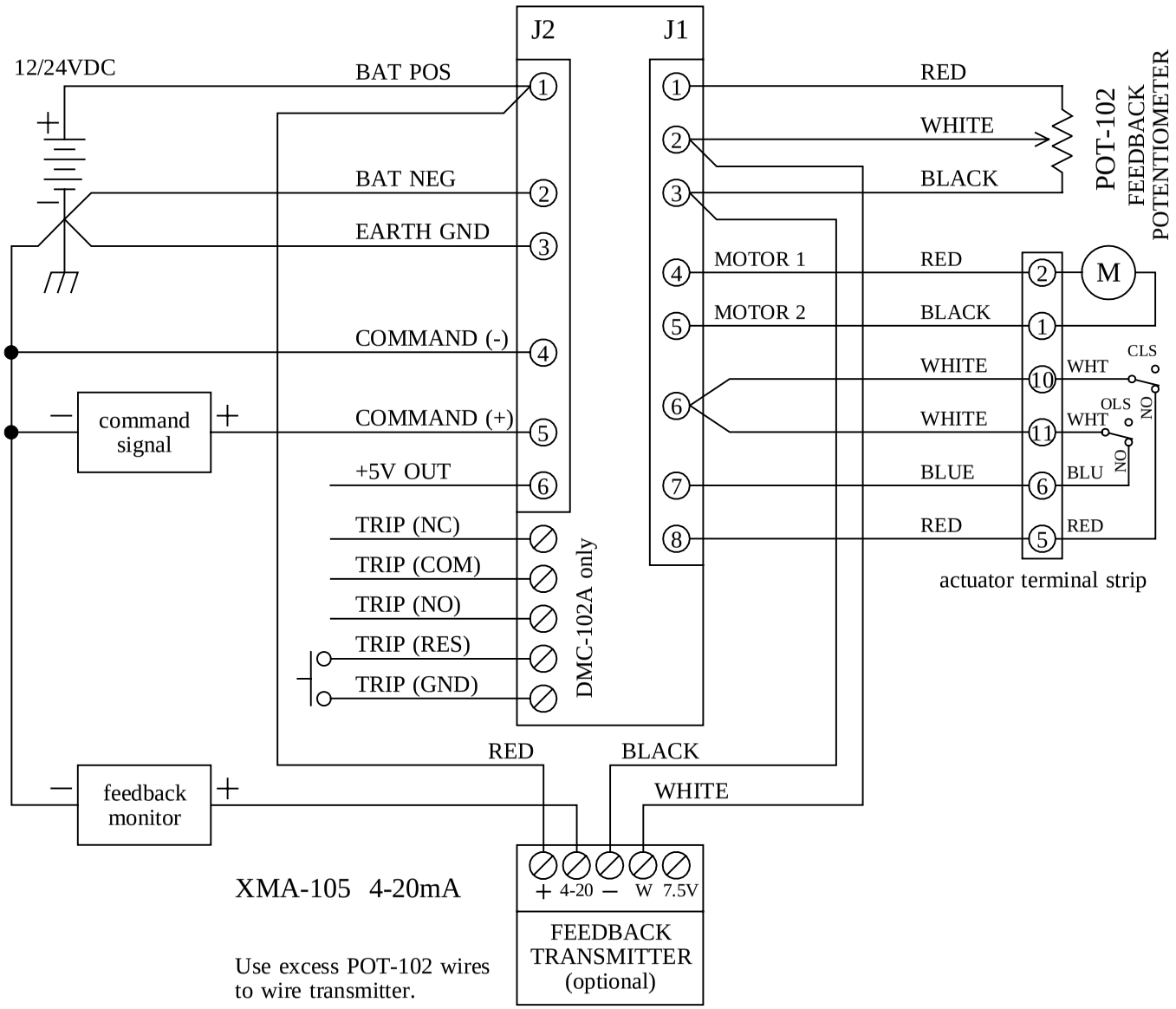


DC ANALOG POSITIONERS

WIRING DIAGRAM

Noah NA015, 019, 028 Actuators

DMC-102 / DMC-102A



DIRECT ACTING

When calibrating zero, turning the ZERO adjustment clockwise sets MOTOR 1 positive and allows the motor to run until J1-8 is disconnected from J1-6.

When calibrating zero, turning the ZERO adjustment counter-clockwise sets MOTOR 2 positive and allows the motor to run until J1-7 is disconnected from J1-6.

REVERSE ACTING

If an XMA-105 Feedback Transmitter is used for a Reverse Acting application, the following wiring changes must be made before calibrating:

1. Reverse feedback potentiometer wires connected to J1-1 and J1-3.
2. Reverse motor wires connected to J1-4 and J1-5.
3. Reverse open and close limit switch wires connected to J1-7 and J1-8.

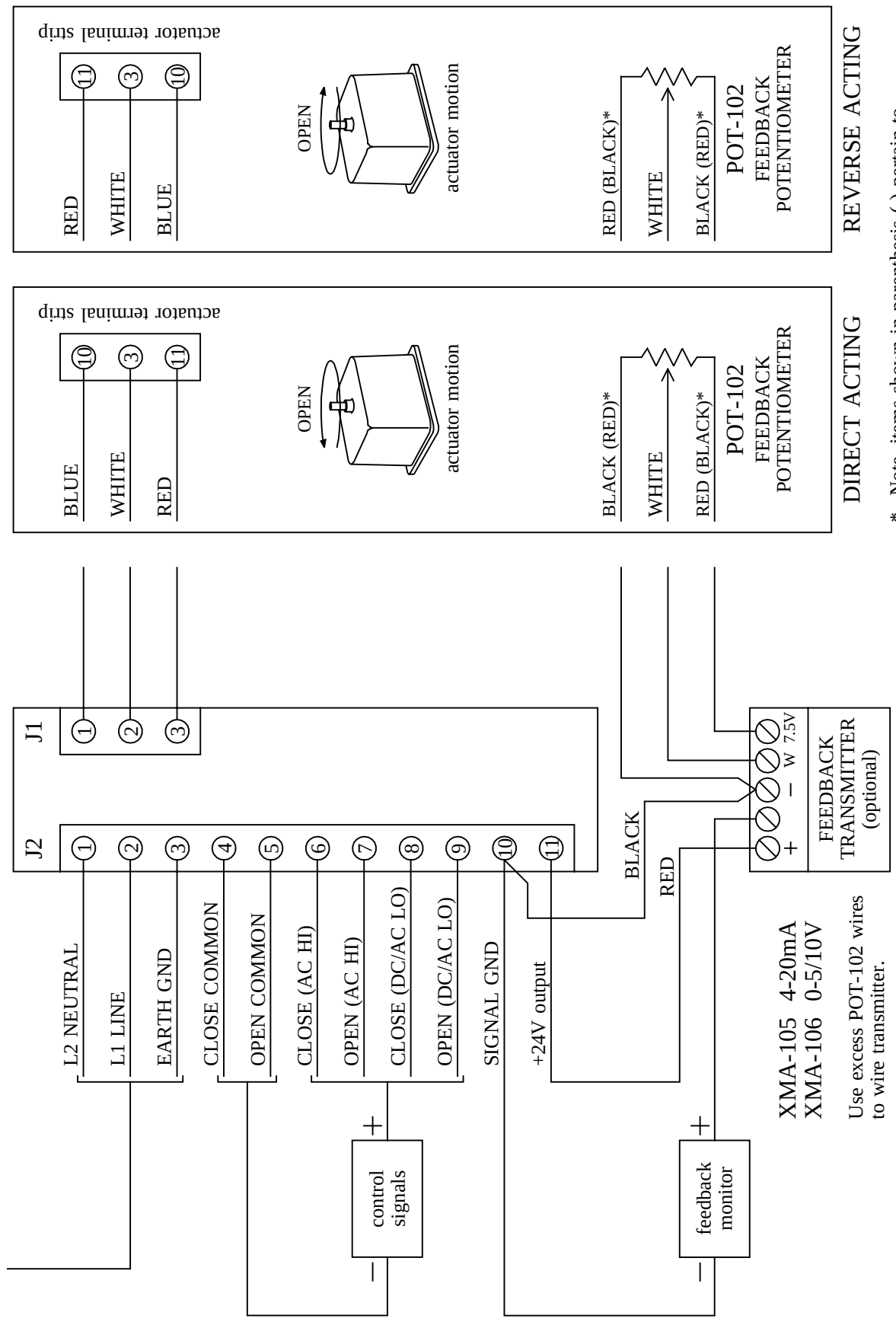
PEAKTRONICS, Inc. *1363 Anderson Clawson, MI 48017 Phone (248) 542-5640* **www.peaktronics.com** *sales@peaktronics.com* 800-178G

AC ON/OFF CONTROLLERS

Noah NA015, 019, 028, 038, 050, 060, 080, 100, 150, 200, 250 Actuators

WIRING DIAGRAM

117VAC AMI-103
234VAC AMI-103A

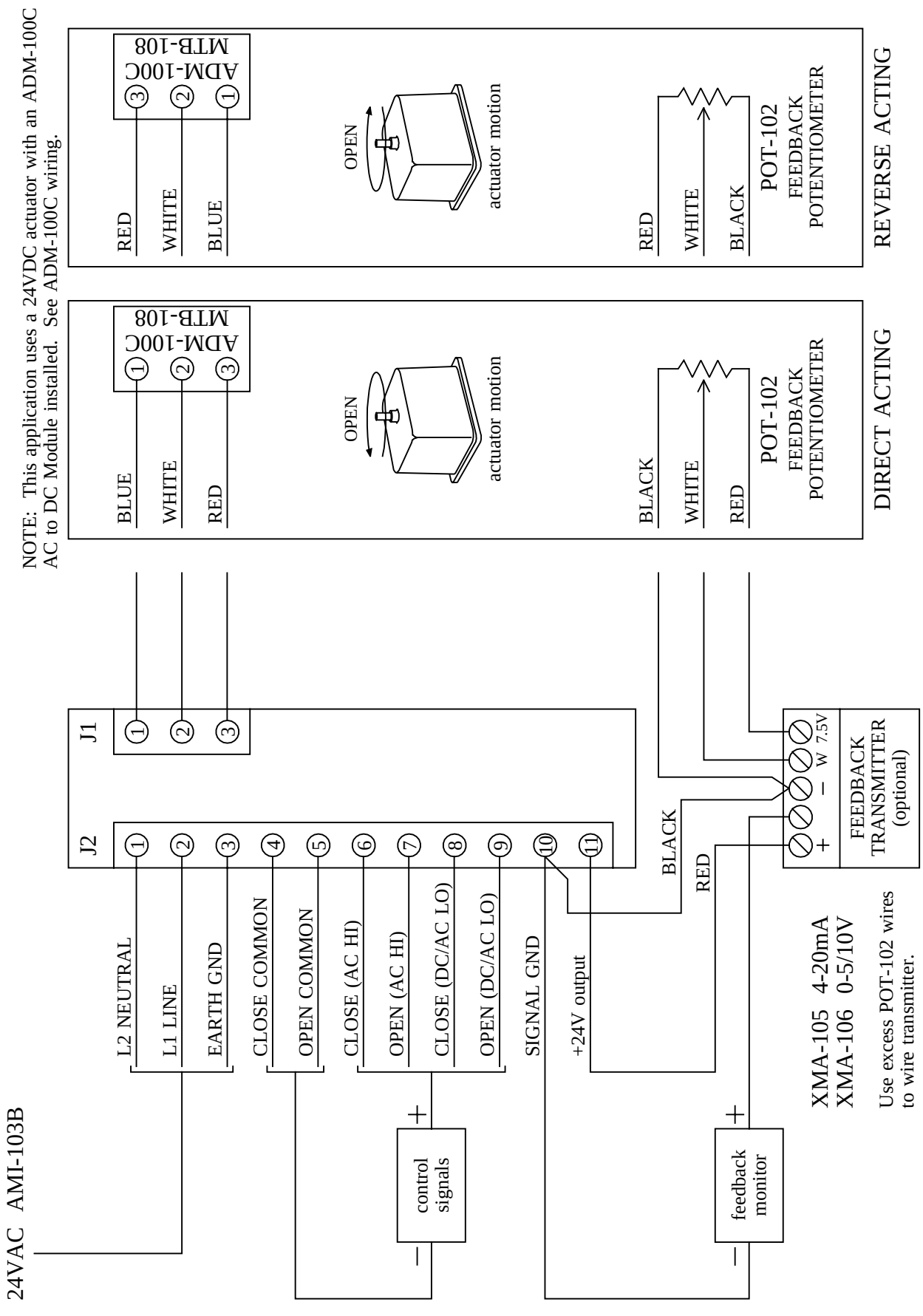


* Note, items shown in parenthesis ( ) pertain to NA150, 200, and 250 only.

24VAC ON/OFF CONTROLLERS

WIRING DIAGRAM

Noah NA015, 019, 028 Actuators

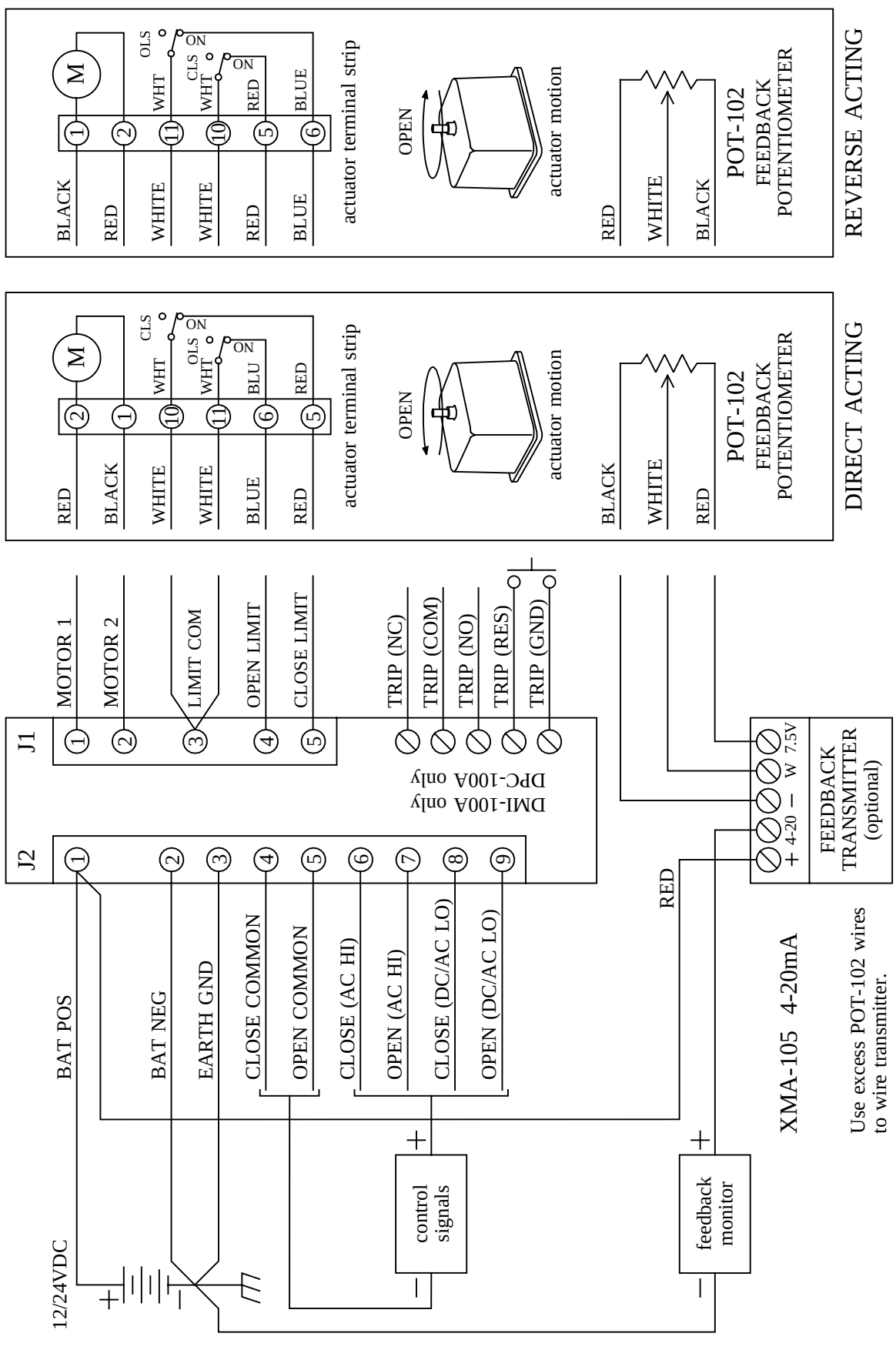


DC ON/OFF CONTROLLERS

WIRING DIAGRAM

Noah NA015, 019, 028 Actuators

DMI-100 / DMI-100A
DPC-100 / DPC-100A

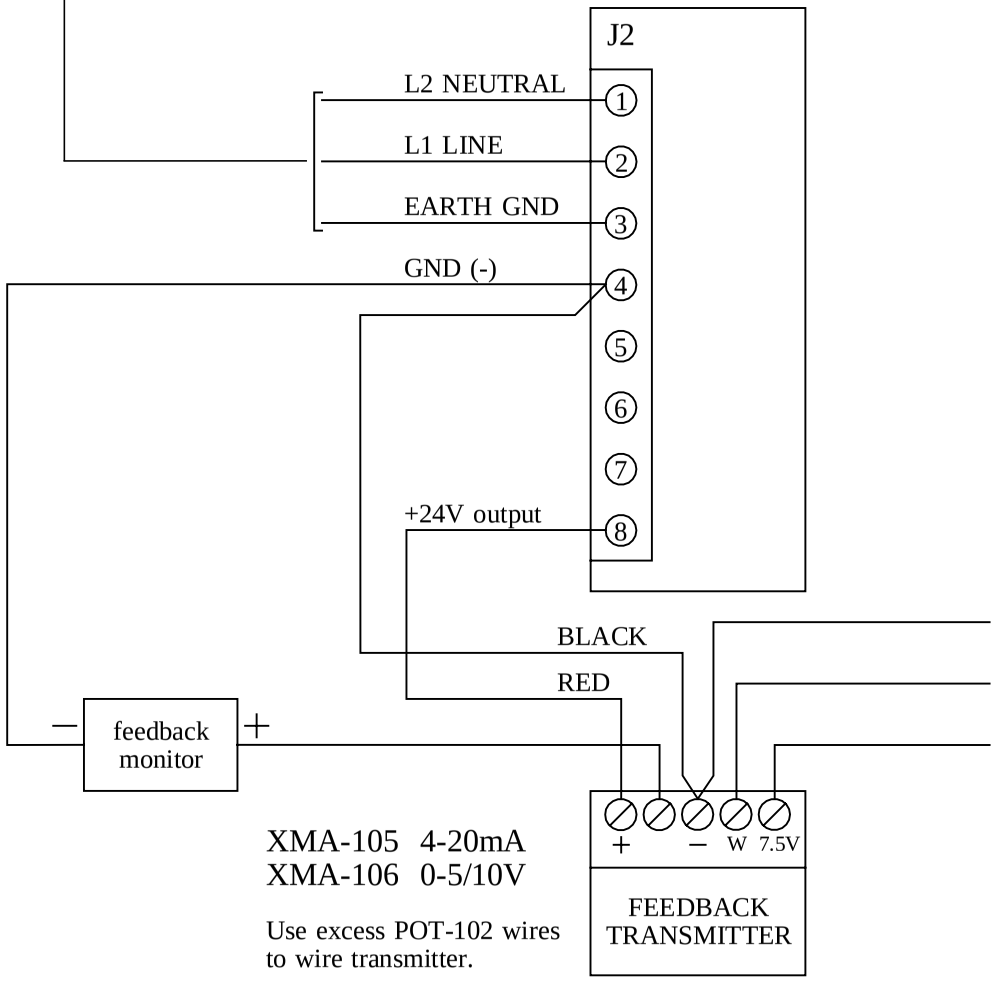


FEEDBACK TRANSMITTERS (powered)

WIRING DIAGRAM

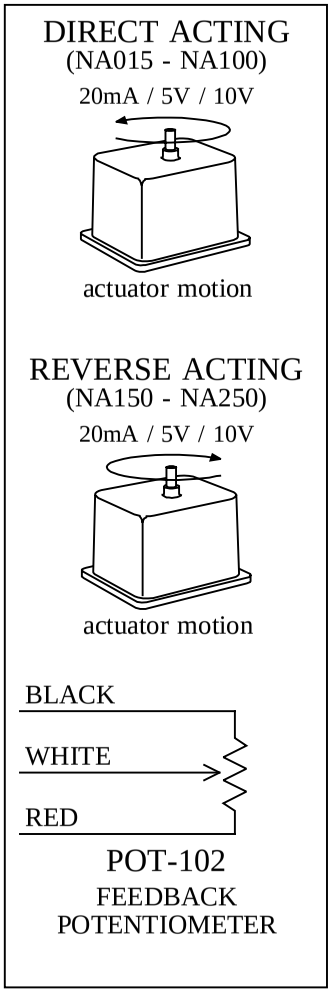
Noah NA015, 019, 028, 038, 050, 060, 080, 100, 150, 200, 250 Actuators

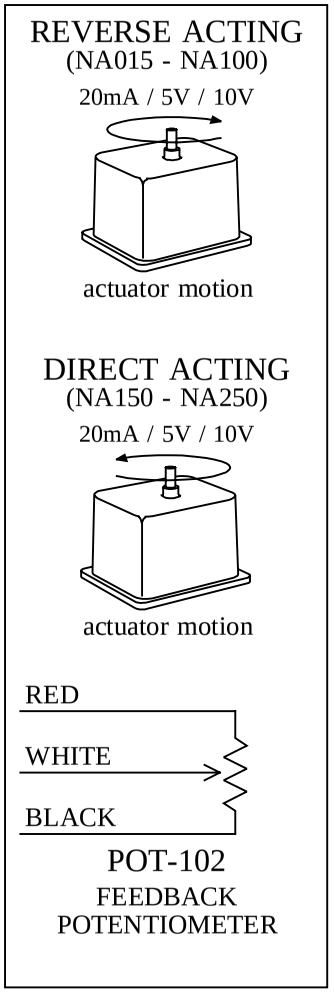
117VAC PWR-102
234VAC PWR-102A
24VAC PWR-102B



XMA-105 4-20mA
XMA-106 0-5/10V

Use excess POT-102 wires to wire transmitter.

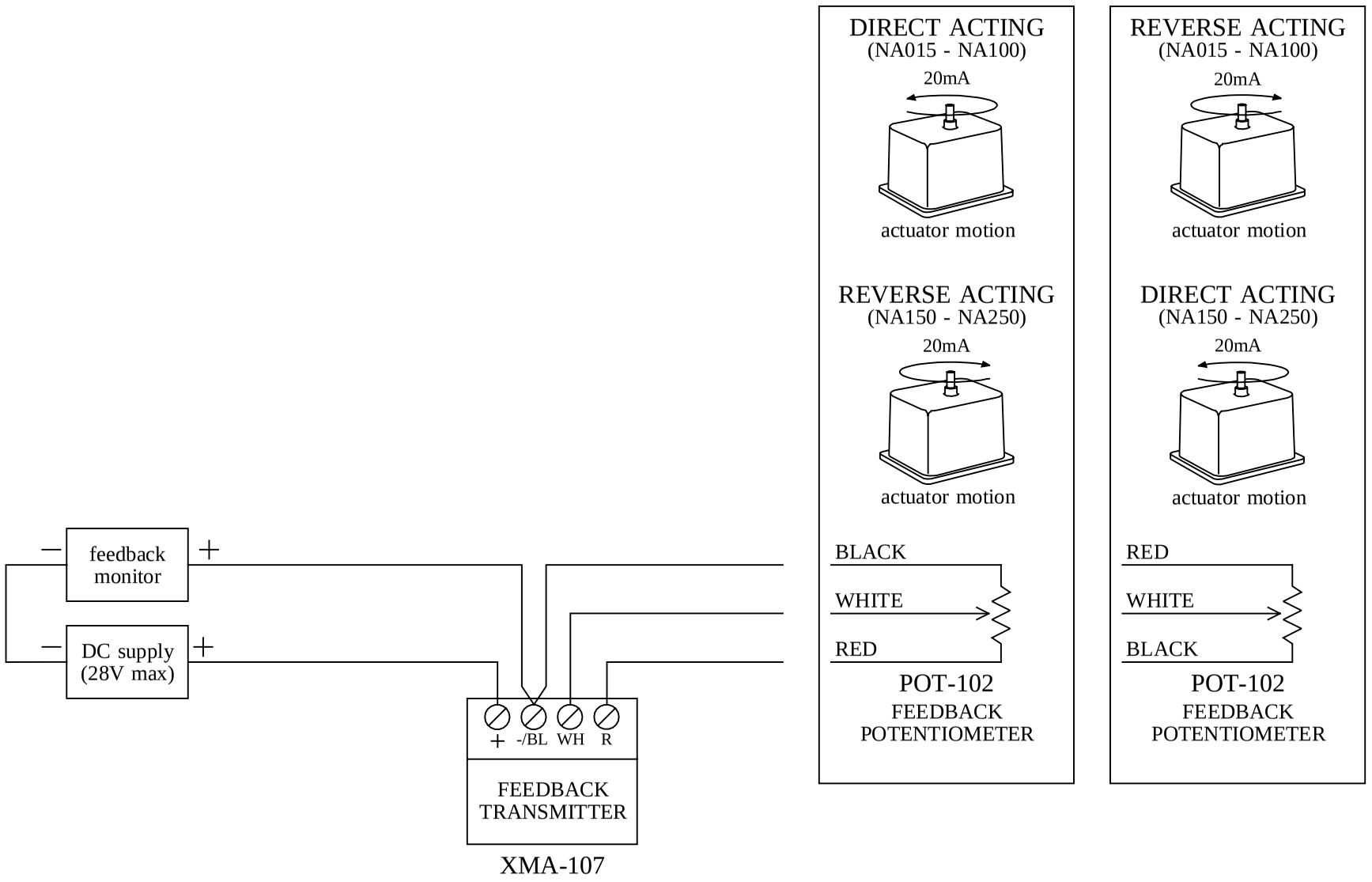




FEEDBACK TRANSMITTER (loop powered)

WIRING DIAGRAM

Noah NA015, 019, 028, 038, 050, 060, 080, 100, 150, 200, 250 Actuators



PEAKTRONICS, Inc. *1363 Anderson Clawson, MI 48017 Phone (248) 542-5640* **www.peaktronics.com** *sales@peaktronics.com* 800-178G