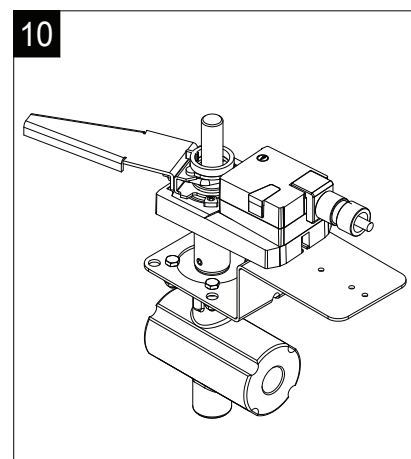
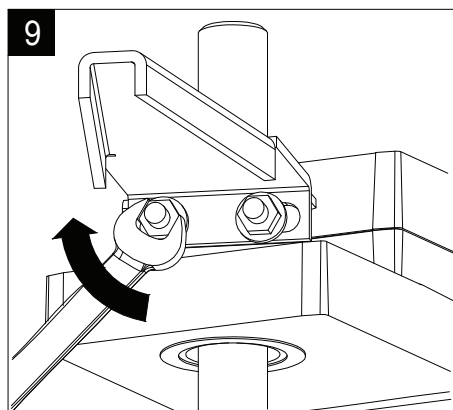
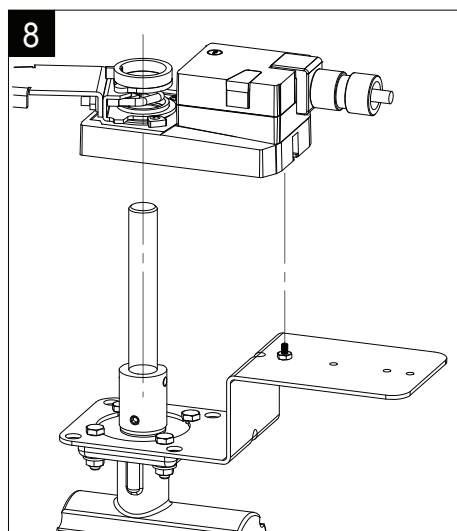
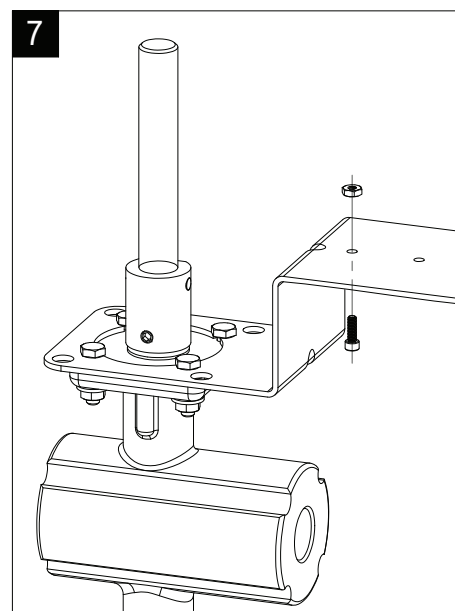
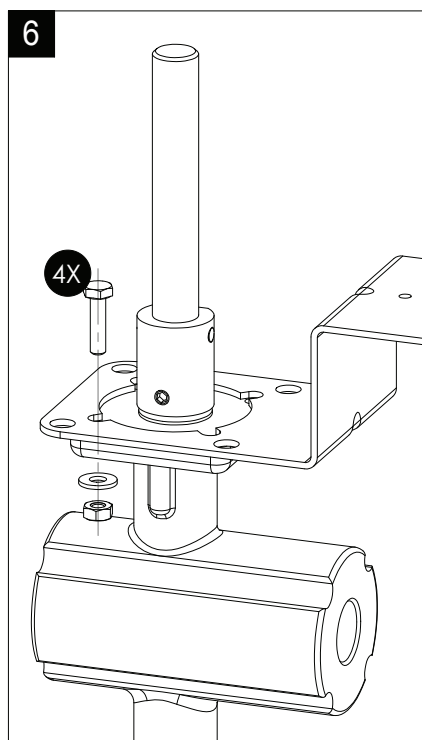
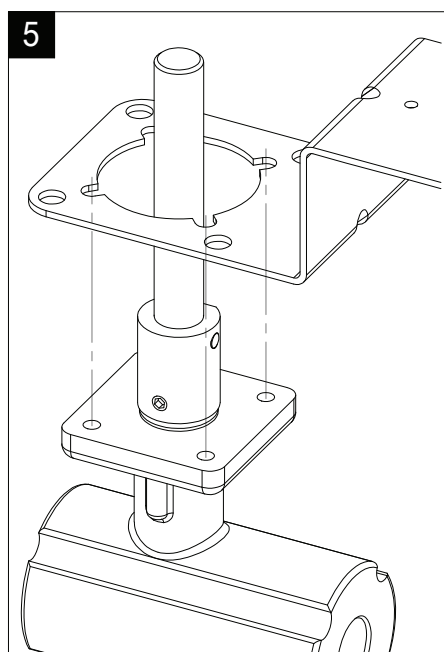
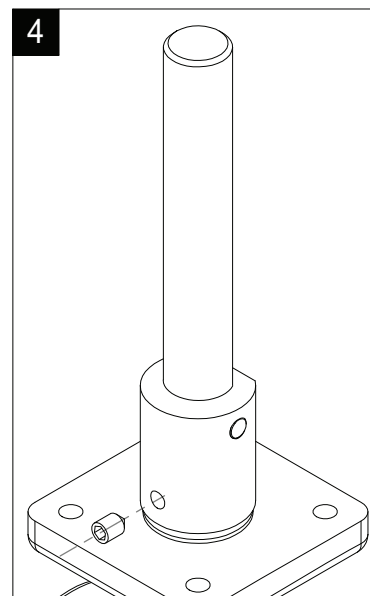
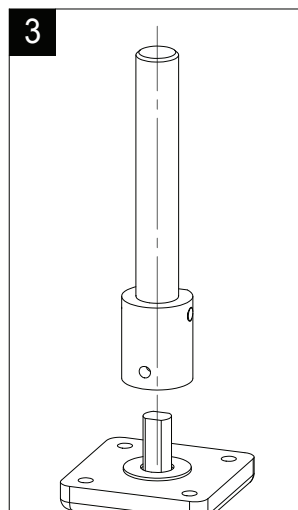
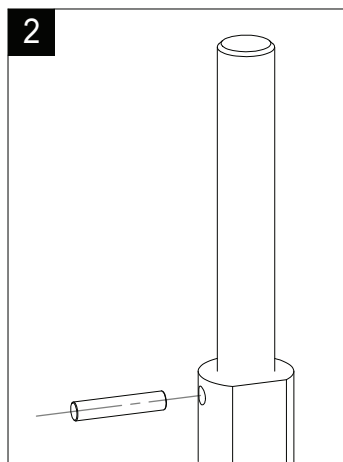
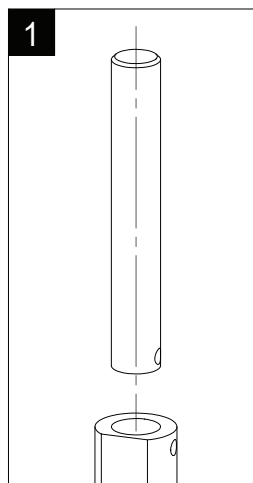
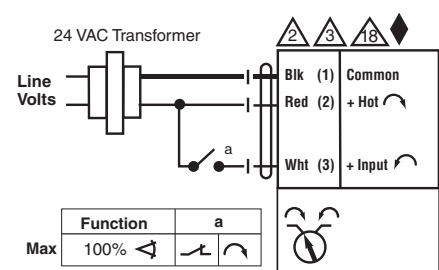


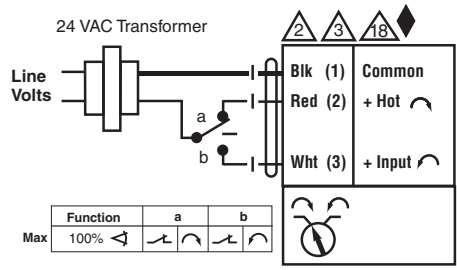
AM-X1 Actuators with B2 V Ball Valves



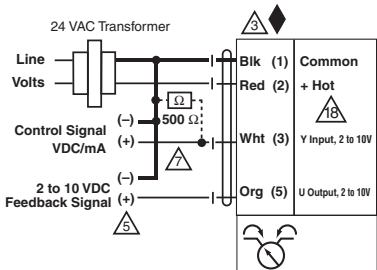
Non-Spring Return Actuator with -3 and -SR



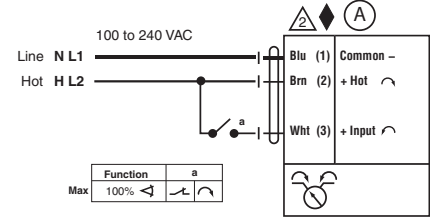
On/Off



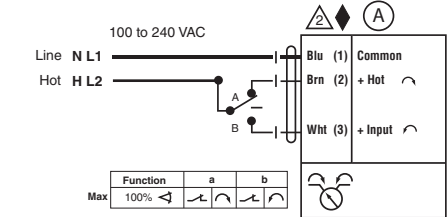
Floating Point



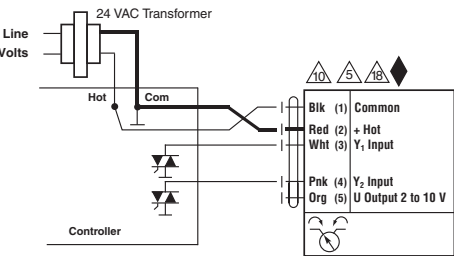
VDC / 4 to 20 mA



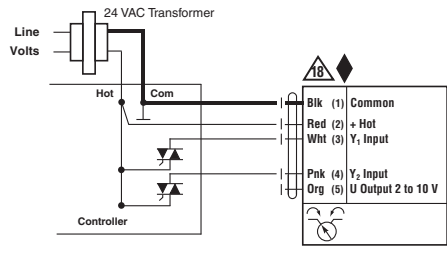
On/Off



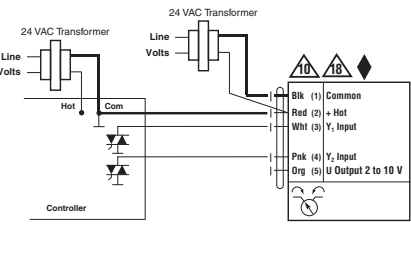
Floating Point



Triac Sink

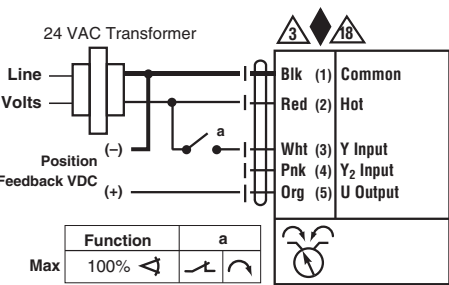


Triac Source

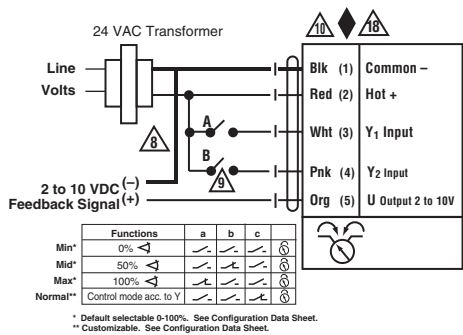


Triac Sink with Separate Transformer

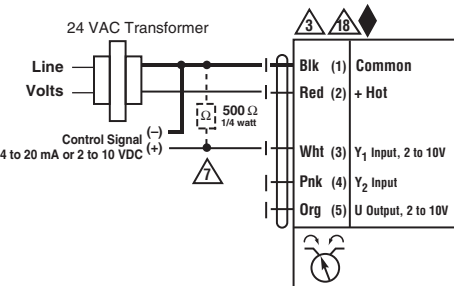
Non-Spring Return Actuator with MFT



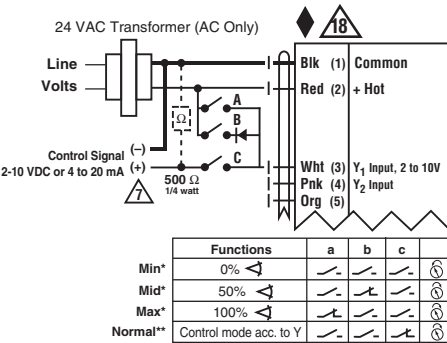
On/Off



Floating Point



VDC / 4 to 20 mA



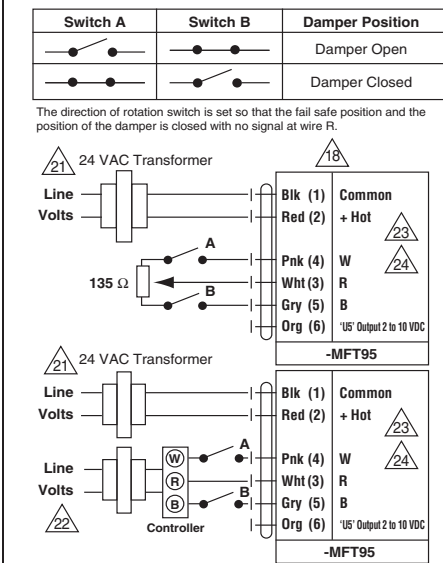
Override Control Min, Mid, Max Postions

Notes:

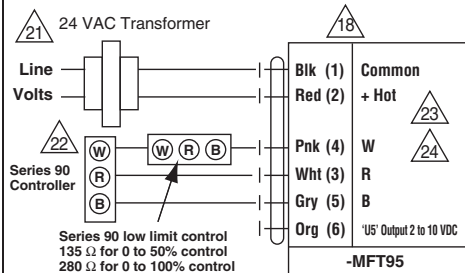
- Meets cULus requirements without the need of an electrical ground connection
- Actuators with appliance cables are numbered.
- Actuators may be connected in parallel. Power consumption and input impedance must be observed.
- Actuators may also be powered by 24 VDC.
- Only connect common to neg. (-) leg of control circuits.
- A 500 Ω resistor converts the 4 to 20 mA control signal to 2 to 10 VDC.
- Control signal may be pulsed from either the Hot (Source) or Common (Sink) 24 VAC line.
- Contact closures A & B also can be triacs. A & B should both be closed for the triac source and open for triac sink.
- For triac sink the Common connection from the actuator must be connected to the Hot connection of the controller. Position feedback cannot be used with a triac sink controller. The actuator internal common reference is not compatible.
- Actuators with plenum rated cable do not have numbers on wires; use color codes instead.

BRN	Brown	Marron	Brun	Marrom
BLU	Blue	Azul	Bleu	Azul
GRN	Green	Verde	Vert	Verde
ORG	Orange	Anaranjado	Orange	Alaranjado
PNK	Pink	Rosado	Rosa	Cor-de ros
WHT	White	Blanco	Blanc	Branco
RED	Red	Rojo	Rouge	Vermelho
BLK	Black	Negro	Noir	Preto

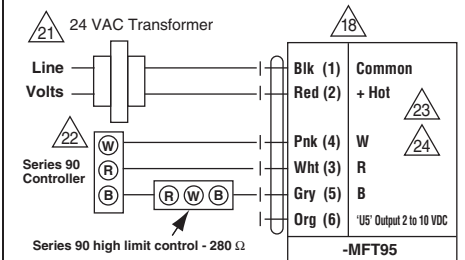
MFT95



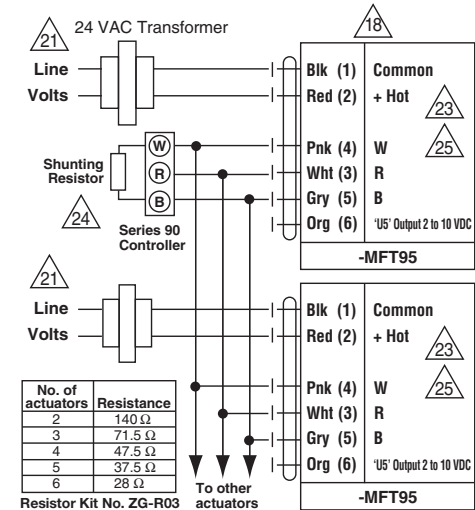
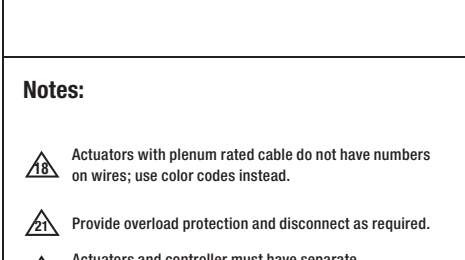
Override



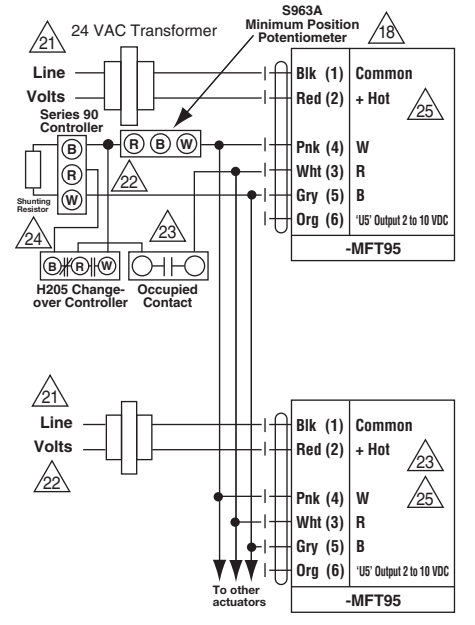
Low Limit Control



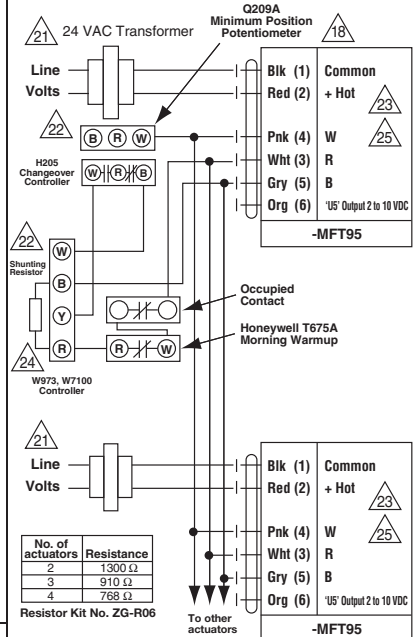
High Limit Control



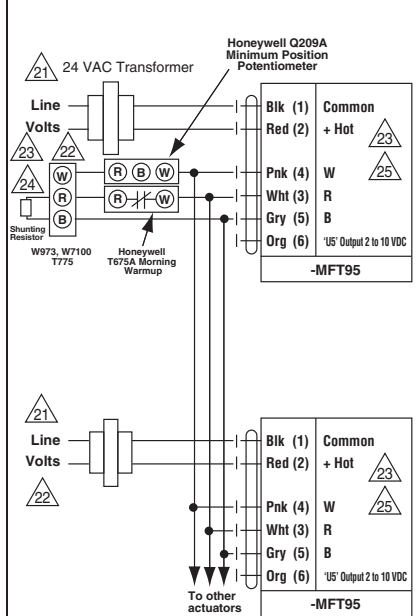
Wiring multiple actuators to a Series 90 Controller



Wiring Multiple Actuators to a Series 90 Controller using Minimum Position Potentiometer



Used with the W973 and W7100 controllers



Typical Wiring Diagrams for Multiple Actuators used with the W973, W7100 and T775 controllers



Notes:

- 18 Actuators with plenum rated cable do not have numbers on wires; use color codes instead.
- 21 Provide overload protection and disconnect as required.
- 22 Actuators and controller must have separate transformers.
- 23 Consult controller instruction data for more detailed information.
- 24 Resistor value depend on the type of controller and the number of actuators. No resistor required for one actuator. Honeywell® resistor kits may be used.
- 25 To reverse control rotation, use the reversing switch.

- Slave Slave Esclavo Esclavo
- Master Master Amo Maitre Mestre
- Brown Brown Marron Brun Marrom
- Blue Blue Azul Bleu Azul
- Gray Gray Gris Gris Cinzento
- Orange Orange Anaranjado Orange Alaranjado
- Pink Pink Rosado Rosa Cor-de ros
- White White Branco Blanc Branco
- Red Red Rojo Rouge Vermelho
- Black Black Negro Noir Preto