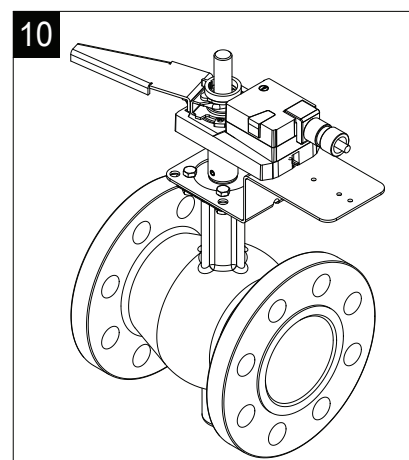
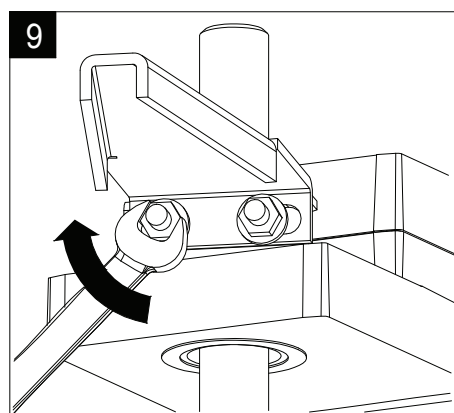
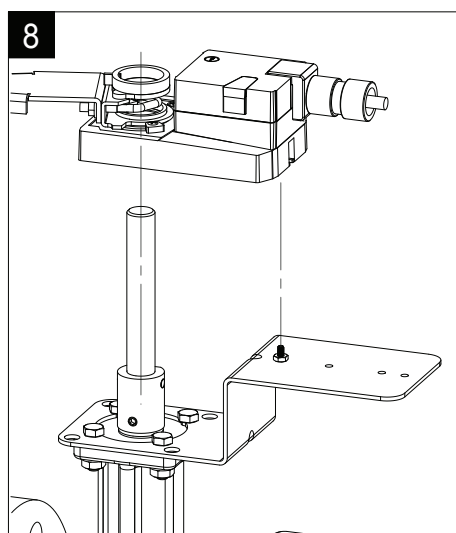
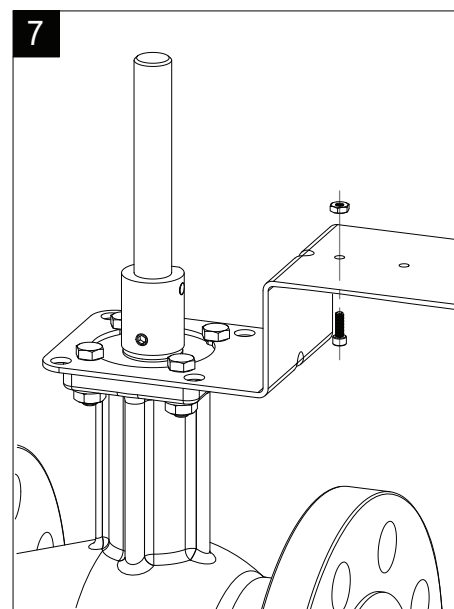
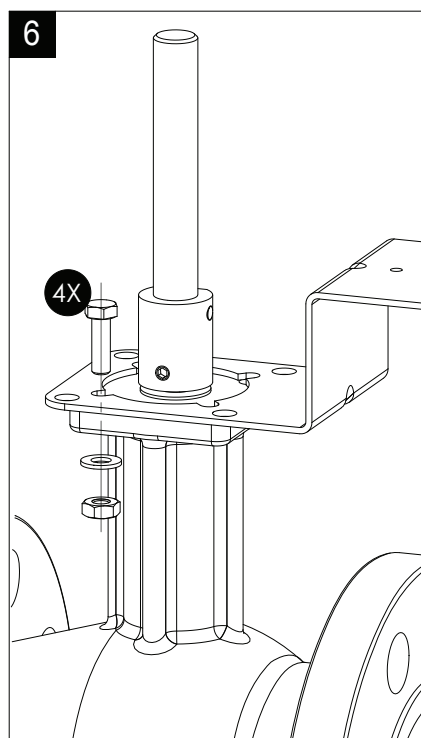
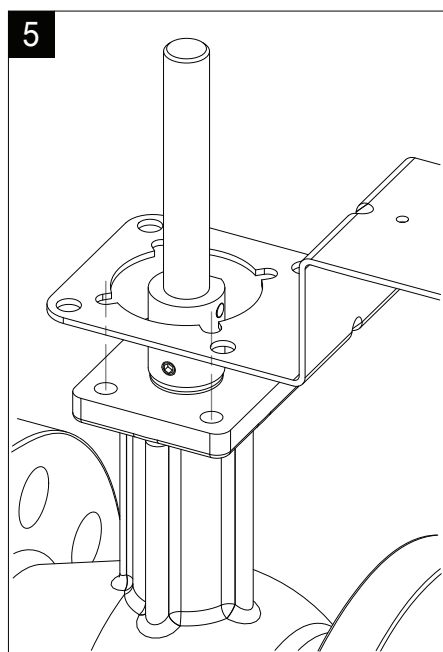
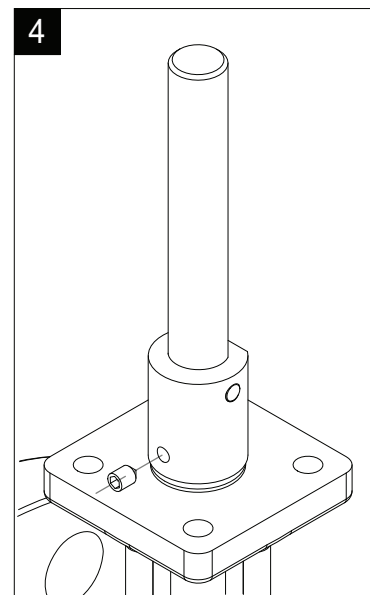
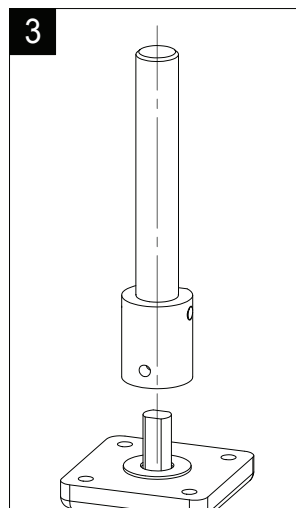
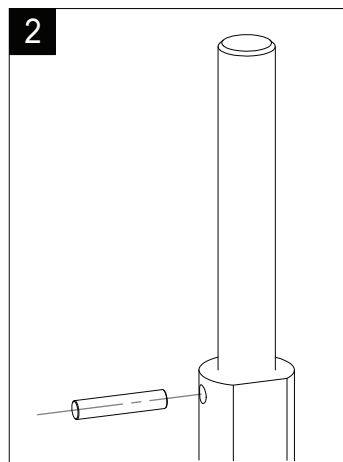
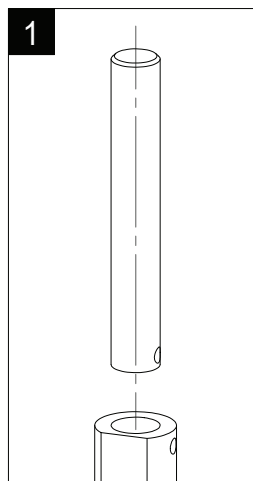


AM-X1 Actuators with Flanged V Ball Valves



Non-Spring Return Actuator with -3 and -SR

Function	a
Max	100%

On/Off

Floating Point

VDC / 4 to 20 mA

On/Off

Function	a
Max	100%

On/Off

Floating Point

Triac Sink

Function	a
Max	100%

Triac Sink

Triac Source

Triac Sink with Separate Transformer

Non-Spring Return Actuator with MFT

Function	a
Max	100%

On/Off

Floating Point

VDC / 4 to 20 mA

Function	a
Max	100%

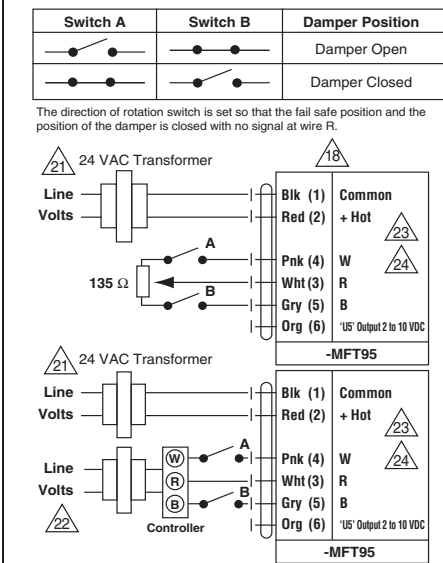
VDC / 4 to 20 mA

Override Control Min, Mid, Max Postions

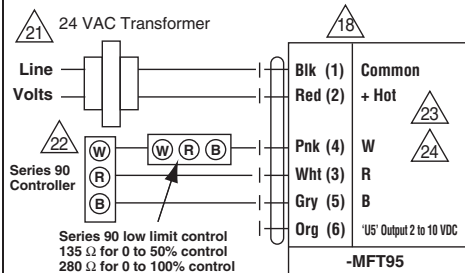
- Notes:
- Meets cULus requirements without the need of an electrical ground connection
 - Actuators with appliance cables are numbered.
 - Actuators may be connected in parallel. Power consumption and input impedance must be observed.
 - Actuators may also be powered by 24 VDC.
 - Only connect common 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 Branco Blanc Branco
- RED Red Rojo Rouge Vermelho
- BLK Black Negro Noir Preto

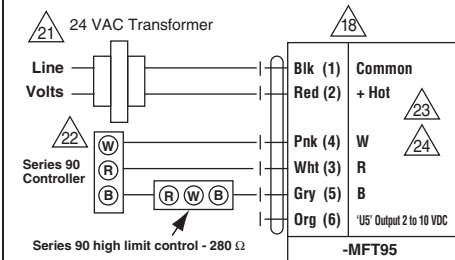
MFT95



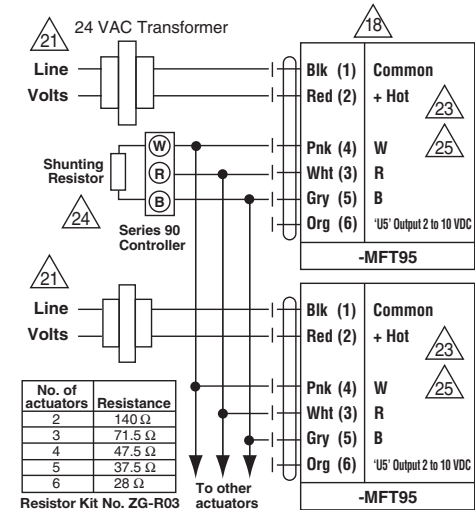
Override



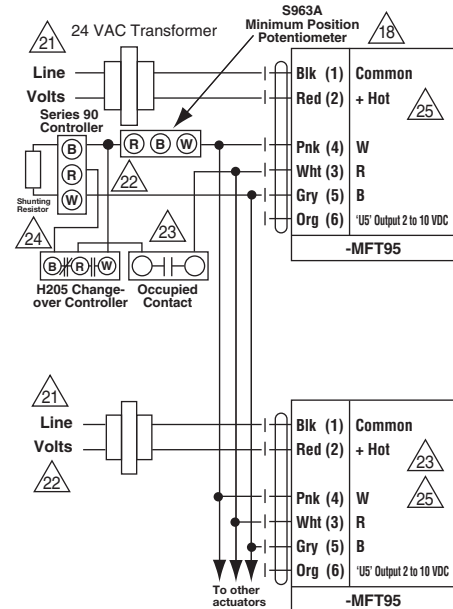
Low Limit Control



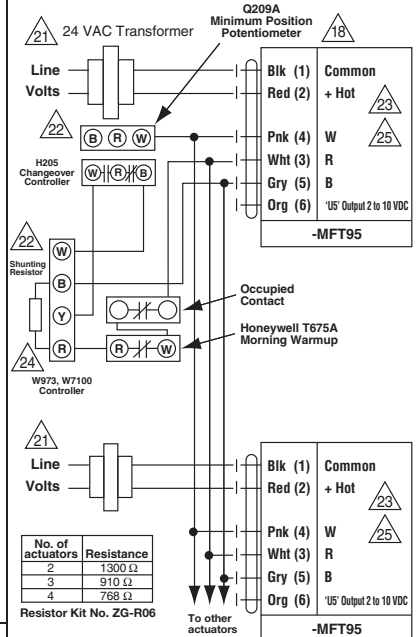
High Limit Control



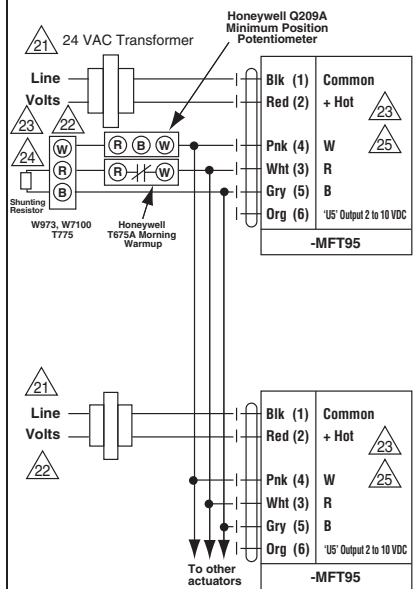
Wiring multiple actuators to a Series 90 Controller



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
- BRN Brown Marron Brun Marrom
- BLU Blue Azul Bleu Azul
- GRY Gray Gris Gris Cinzento
- ORG Orange Anaranjado Orange Alaranjado
- PNK Pink Rosado Rosa Cor-de ros
- WHT White Branco Blanc Branco
- RED Red Rojo Rouge Vermelho
- BLK Black Negro Noir Preto