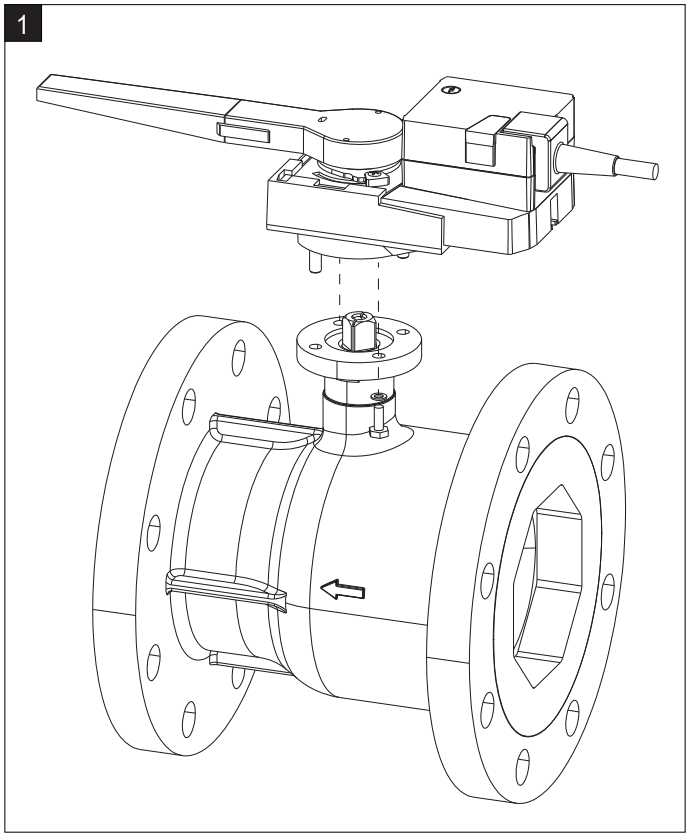
QUICK MOUNT VISUAL INSTRUCTION MANUAL

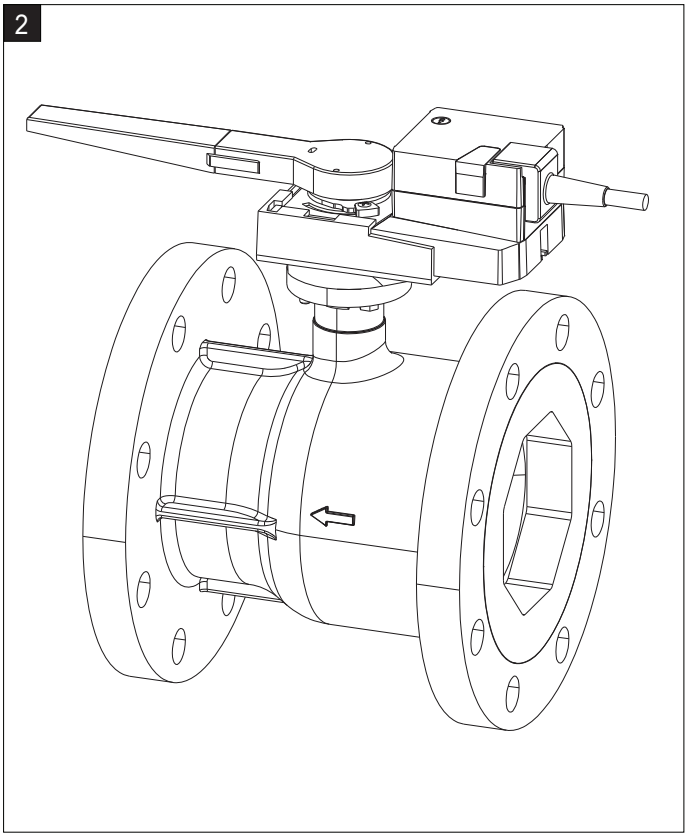
AR Actuators
with B6 Characterized Control Valves (CCV)

71569-00001

1

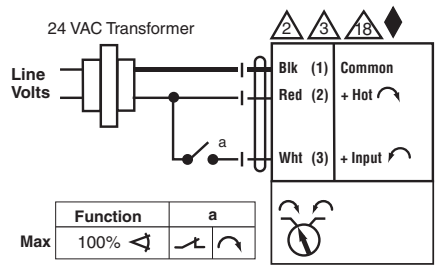


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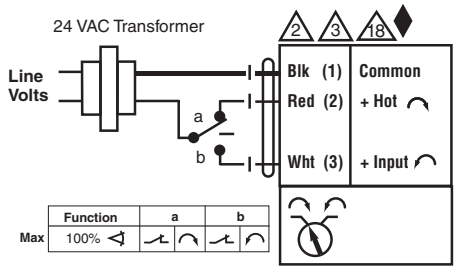


7/13 - Subject to change. © Belimo Aircontrols (USA), Inc.

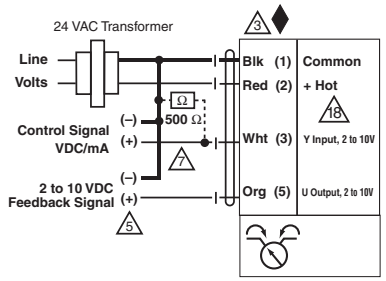
Non-Spring Return Actuator with -3 and -SR



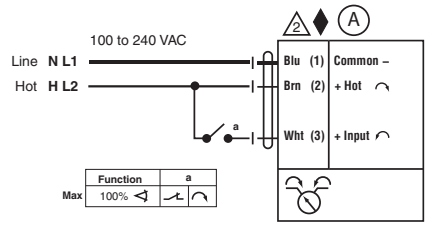
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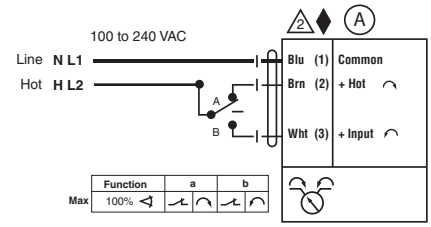
Floating Point



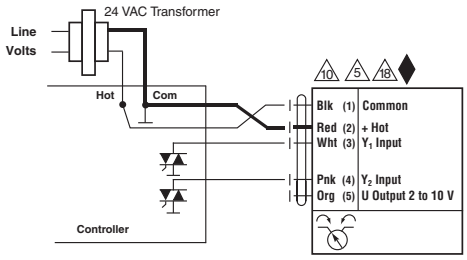
VDC / 4 to 20 mA



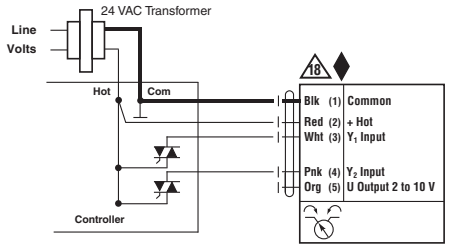
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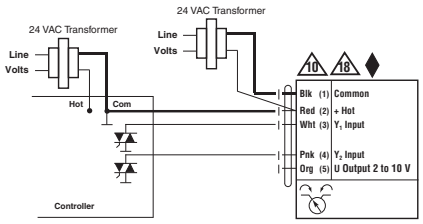
Floating Point



Triac Sink

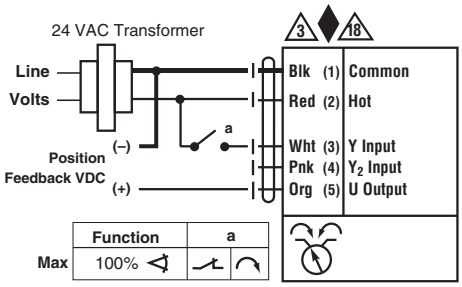


Triac Source

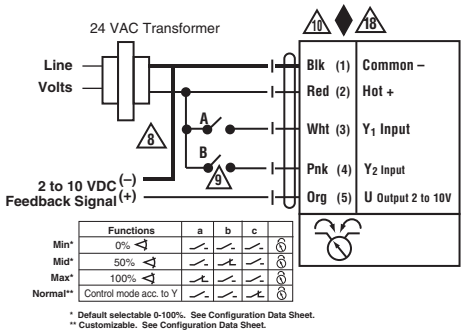


Triac Sink with Separate Transformer

Non-Spring Return Actuator with MFT

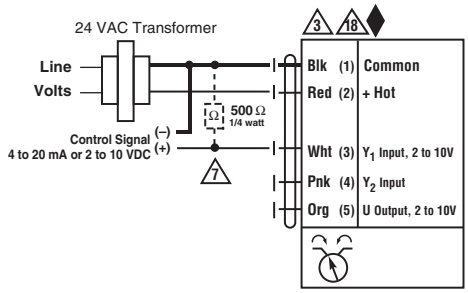


On/Off

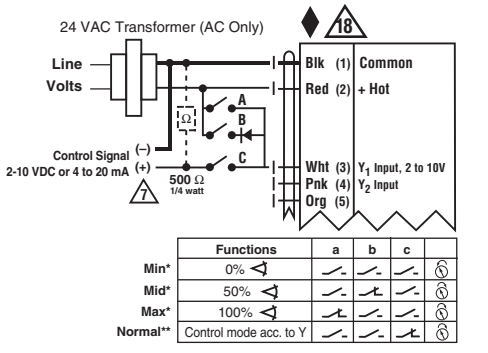


* Default selectable 0-100%. See Configuration Data Sheet.
** Customizable. See Configuration Data Sheet.

Floating Point



VDC / 4 to 20 mA



* Default selectable 0-100%. See Configuration Data Sheet.
** Customizable. See Configuration Data Sheet.

Override Control Min, Mid, Max Postions

Notes:

- ♦ Meets cULus requirements without the need of an electrical ground connection
- Ⓐ Actuators with appliance cables are numbered.
- 2 Actuators may be connected in parallel. Power consumption and input impedance must be observed.
- 3 Actuators may also be powered by 24 VDC.
- 5 Only connect common to neg. (-) leg of control circuits.
- 7 A 500 Ω resistor converts the 4 to 20 mA control signal to 2 to 10 VDC.
- 8 Control signal may be pulsed from either the Hot (Source) or Common (Sink) 24 VAC line.
- 9 Contact closures A & B also can be triacs. A & B should both be closed for the triac source and open for triac sink.
- 10 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.
- 18 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