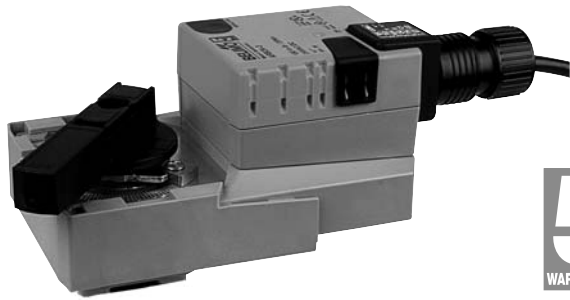
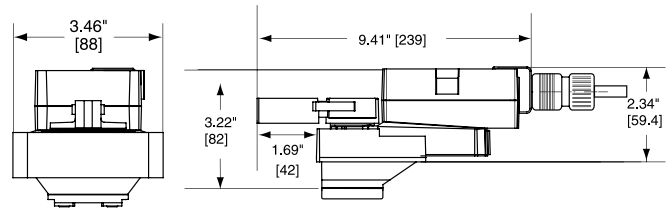


ARX24-MFT95 Actuators, 0 to 135 Ω



Dimensions



Models

ARX24-MFT95

| Technical Data | |
|-----------------------|--|
| Power supply | 24 VAC ± 20% 50/60 Hz 24 VDC ± 10% |
| Power consumption | running 4 W holding 1.25 W |
| Transformer sizing | 6 VA (Class 2 power source) |
| Electrical connection | ½" conduit connector 18 GA plenum rated cable 3 ft [1m], 10 ft [3m], 16 ft [5m] |
| Overload protection | electronic throughout 0 to 95° rotation |
| Operating range WRB | 0 to 135 Ω Honeywell Electronic Series 90, 0 to 135 Ω input |
| Feedback output U | 2 to 10 VDC, 0.5mA max |
| Input impedance | 100 kΩ (0.1 mW) |
| Angle of rotation | 90°, adjustable with mechanical stop electronically variable |
| Direction of rotation | reversible with ↻/↻ switch |
| Position indication | handle |
| Manual override | external push button |
| Running time | 150 seconds (default) variable (90 to 350 seconds) |
| Humidity | 5 to 95% RH non-condensing (EN 60730-1) |
| Ambient temperature | -22°F to 122°F [-30°C to 50°C] |
| Storage temperature | -40°F to 176°F [-40°C to 80°C] |
| Housing | NEMA 2/IP54 |
| Housing material | UL94-5VA |
| Agency listings† | cULus according to UL 60730-1A/-2-14, CAN/CSA E60730-1:02, CE according to 2004/108/EC and 2006/95/EC for line voltage and/or -S versions |
| Noise level | <45 dB(A) |
| Quality standard | ISO 9001 |

†Rated Impulse Voltage 800V, Type of action 1.AA, Control Pollution Degree 3.

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Wiring Diagrams

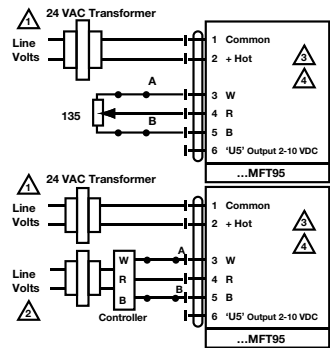
✂️ INSTALLATION NOTES

- 1 Provide overload protection and disconnect as required.
 - 2 **CAUTION Equipment damage!**
Actuators and controller must have separate transformers.
 - 3 Consult controller instruction data for more detailed installation information.
 - 4 Resistor value depends on the type of controller and the number of actuators. No resistor is used for one actuator. Honeywell resistor kits may also be used.
 - 5 To reverse control rotation, use the reversing switch.
- ⚠️ WARNING Live Electrical Components!**
During installation, testing, servicing and troubleshooting of this product, it may be necessary to work with live electrical components. Have a qualified licensed electrician or other individual who has been properly trained in handling live electrical components perform these tasks. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.

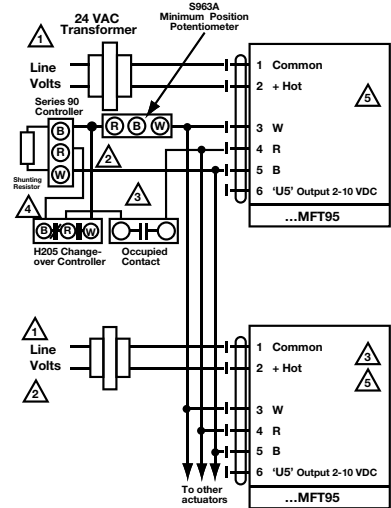
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| Switch A | Switch B | Damper Position |
|----------|----------|-----------------|
| | | Damper Open |
| | | Damper Closed |

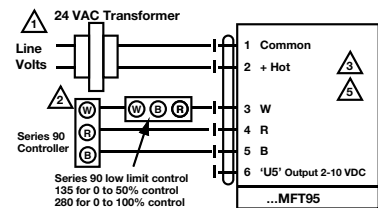
The direction of rotation switch is set so that the fail safe position and the position of the damper is closed with no signal at wire R.



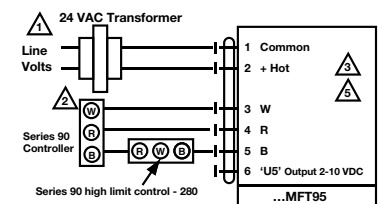
Override



Wiring multiple actuators to a Series 90 controller using a minimum position potentiometer.



Low Limit Control



High Limit Control