

# TR24-3-T US Technical Data Sheet

## On/Off Floating Point, Non-Spring Return, 24 V



5-year warranty








### Technical Data

Power Supply	24 VAC, ±20%, 50/60 Hz
Power consumption in operation	1 W
Transformer sizing	1 VA (class 2 power source)
Electrical Connection	Screw terminal (for 26 to 14 GA wire)
Overload Protection	electronic throughout full rotation
Input Impedance	0.36 kΩ
Angle of rotation	90°
Position indication	Mechanically, pluggable
Manual override	push down handle
Running Time (Motor)	90 s / 90°
Ambient humidity	max. 95% r.H., non-condensing
Ambient temperature	-22...122°F [-30...50°C]
Storage temperature	-40...176°F [-40...80°C]
Degree of Protection	IP40, NEMA 1
Agency Listing	cULus acc. to UL60730-1A/-2-14, CAN/CSA E60730-1:02, CE acc. to 2014/30/EU and 2014/35/EU
Noise level, motor	35 dB(A)
Servicing	maintenance-free
Quality Standard	ISO 9001
Weight	0.62 lb [0.28 kg]

Date created, 04/03/2020 - Subject to change. © Belimo Aircontrols (USA), Inc.

**Wiring Diagrams**

**✂ INSTALLATION NOTES**

-  Provide overload protection and disconnect as required.
-  Actuators may also be powered by 24 VDC.
-  Actuators are provided with a numbered screw terminal strip instead of a cable.
-  Actuators cannot be wired in parallel.
-  Meets cULus requirements without the need of an electrical ground connection.

**⚠ 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.

