

Manifold actuators

Easy install actuator in 230v or 24v options. The unit comes normally open (NO) with a retaining clip. Once removed the opening function is normally closed (NC). The cable has 2 wires, neutral and live, with an extended length of 900mm.



Product Code	Product Description
TIOACT0001	230v Tio manifold actuator
TIOACT0002	24v Tio manifold actuator

Tio easy fit actuators are available in 230v or 24v options, they use an electrothermic element (or modulating capsule) which contains a wax compound that expands when heated; this expansion drives an internal piston. Heat is generated when an electrical current is run through a resistor attached to the body of the wax modulating capsule. When powered the piston compresses a spring that allows the manifold return valve pin to move-up into the body of the actuator opening the valve, a black pop-up indicator on the top of the actuator shows if the valve is open or closed. Actuators come fitted with a retaining ring which holds the valve open for ease of fitting – Retaining rings must be removed before final operation.

Key features:

- Adaptive stroke length 3.5mm
- The metal connecting ring is M30 x 1.5
- Pop up 'Open/Closed' Indicator
- Retaining Ring to hold unit open for easy fitting (must be removed before use)
- Silent Running & Maintenance Free
- 2 Wire Live & Neutral with extended 780mm length
- Low Power Consumption $\leq 3W$ (In rush current requires time delay fuses or other suitable protection)
- Coil Resistance (230v - 2 – 4K Ω) - (24v - 0.04 – 0.06K Ω)
- 24V can be supplied from either an AC or DC source
- IP54 - Class II Protection
- Adaptive Pin Travel 3.8 - 4mm
- Pin Resistance Load (approx.) 110N
- Reaction time (approx.) 1 minute
- 2 year warranty

Operation	NC (Normally Closed)
N:	Neutral
L:	Live

