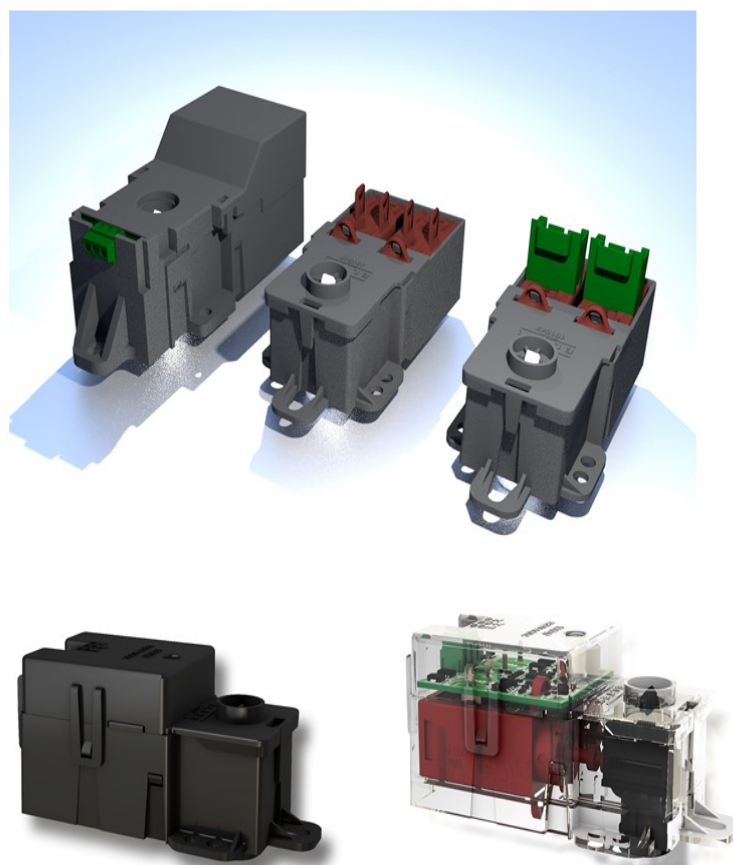
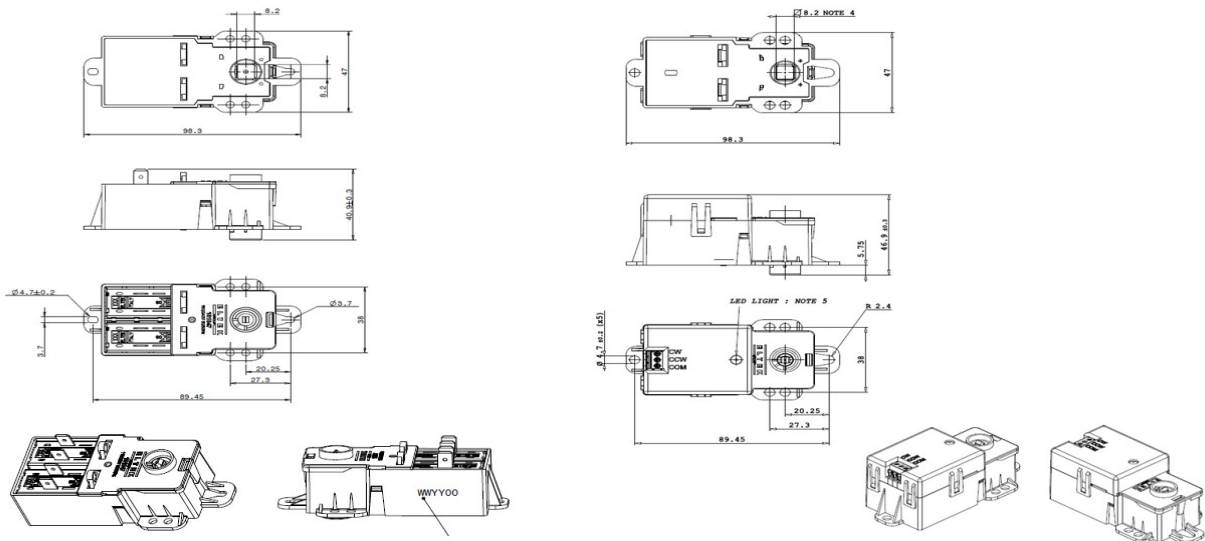


APPLIANCE | Rotary actuator module | CODE 101047



Description:

The ROTARY ACTUATOR MODULE integrates two of Eltek's compact, high force thermoactuators to a rack & pinion mechanism which translates the linear motion into gradual and SILENT 2-stage ROTARY MOTION. Continuous power is not required to maintain the 0° and 90° positions; angular rotation is arrested at those points through the use of an internal spring and detent. Electrical connector configuration include: 6.3x0.8mm FASTON terminals, RAST 2.5 connectors or PCB terminal blocks. RAST and PCB configurations can include embedded microswitches which make them ideal for HVAC power-on/power-off thermostats especially those with long-duration position hold times since power is only consumed during the angular movement cycle.



Part number: 101047

Part name: Rotary actuator module

General characteristics:

- from 110Vac to 240Vac with the same component
- from 12Vac/dc to 24Vac/dc with the same component
- up to 90° angular movement with the same overall dimensions
- dual stable position without electrical supply
- high force overall the rotation
- silent movement with no EMI interferences
- easy mountability
- high Glass content PA material
- high Glass content PPS material for high temperature environment
- faston, RAST or PCB terminal available

Approvals:



Technical data:

Temperature range	-10°C (14°F) to 90°C (194°F)
Relative humidity	30% to 95%
Torque Value	17Ncm during the ON phase
Power consumption	2.8 +/- 1 W (for 12-24V) 5.8 +/- 1 W (for 110V) 5.5 +/- 1 W (for 220V) in steady condition. (Current peak at start-up depending on the specific p/n)
Rotation Time in ON Phase	from 90 to 145 seconds depending on the specific p/n and usage conditions
Useful life	Up to 5.000 cycles depending on the specific p/n and usage conditions