

# ES2

## 200 IN-LBS, NEMA 4 AND/OR 7

Indelac's ES2 spring return electric actuators are light duty, quarter turn rotary actuators. These high quality, American made actuators have been designed for use as a fail-safe solution in the industrial valve and damper automation industry. They are recommended for applications requiring system protection from unforeseen power failures.



### SPECIFICATIONS:

TORQUE	200 In-Lb (22.6 Nm) spring end	
CYCLE TIME	10 sec. / 90° electric, 2 sec. / 90° spring	
DUTY CYCLE	25%	
MOTOR	115Vac ONLY permanent split capacitor with thermal overload protection	
CURRENT RATINGS	.38 FL (Full Load) Amps, .75 LR (Lock Rotor) Amps The motor's LR amps must be taken into account when sizing the input power supply and fuses. Slow blow fuses are recommended	
MOTOR BRAKE	Power ON	
CERTIFICATIONS	None - General Purpose Actuators Designed to meet NEMA 4 Standards with optional NEMA enclosure types 4X, 9 and 7 available	
COATING	Thermally bonded polyester powder	
INDICATOR	Visual	Dome Indicator
Electric	Feedback from limit switches, same as operating voltage	
SWITCHES	Snap action	SPDT, 15A @ 250Vac
LUBRICATION	Grease	Permanent, little or no maintenance required
WEIGHT	Pound	22 (lb)
	Kilogram	10 (kg)
MOUNTING	Universal	
MOUNTING PAD	ISO 5211 F07 & F10 with 17mm star drive	
TEMPERATURE	-40F (-40C) to 150F (65.6C), heater & thermostat required 0F and below Optional double heater for application down to -76F (-60C)	
MAX. CYCLES	1,900 power OPEN and power CLOSE, spring fail is to be reserved for emergency use only *	
* Allowing this actuator to spring fail as a part of normal operation will severely limit the life expectancy of the product and waives the product warranty		



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**TECHNICAL DRAWING:**

