

## REGULATOR KIT S400 RETRO (RK-11022K)

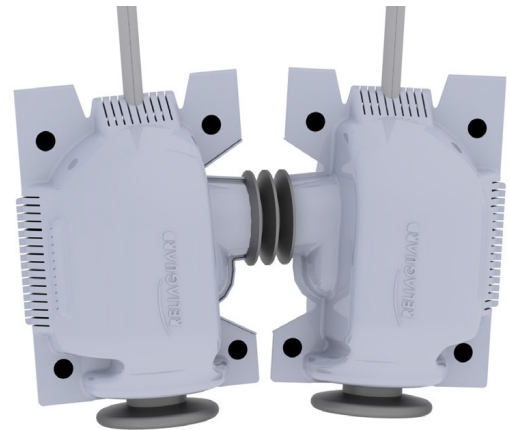
Both three-phase and single-phase regulators have reduced clearances because of their characteristic design and how they are commonly configured. These nominal clearances create a high risk for bird and animal contact. The high cost of replacing a regulator is another reason why it is crucial to protect such an important system asset.

### Better by Design

- Based on the 100 years of collective knowledge of the Reliaguard linemen who specialize in wildlife mitigation, designs consider all risk points. A team of CAD designers support linemen in incorporating features unique to only Reliaguard Retro Kit guards.
- Retro Kit Guards effectively enclose bushing connections and are designed to ensure long-term retention.
- The push fastener included with each cover provides an optional method of safeguarding covers from being inadvertently opened and dislodged.

### Superior Material

- All Reliaguard products are made from Reliatanium, a proprietary material designed by Reliaguard's chemical engineering founders.
- Reliatanium achieves a V-0 flammability classification, the highest rating for the UL 94 test standard and has a 15+ year lifespan.
- Material properties for UV stability and flame retardancy
- Rigid and robust material in properties and design
- Tested to meet specific guidelines of IEEE 1656-2010



### Ease of Installation

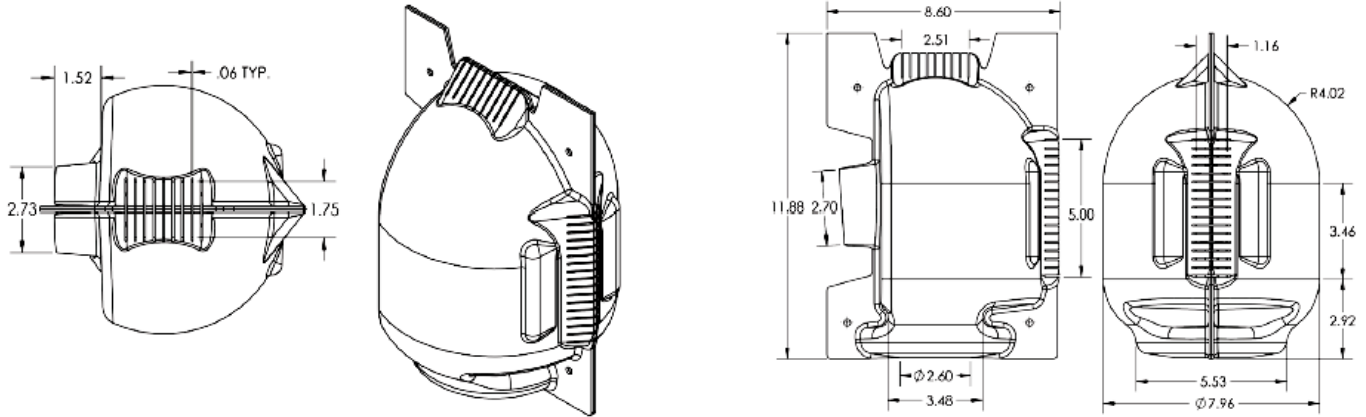
Power linemen like our products because:

- Reliaguard<sup>®</sup> Retro Kit Guards are designed to stay in place. Retention of the guard once applied is a critical design feature to be considered
- Manufactured with a superior closure design to ensure the retro kit guards stay where they are installed
- Guards can accommodate conductor exiting at various angles
- Best results are achieved when installed with GreyEEL Conductor Cover



## Technical Features

Designed to prevent wildlife caused outages, these guards are tested for application on equipment up to 38kV.



Product Name	Part Number	Height Dimension *	Diameter Dimension *	Additional Dimension*	Pack Size (MOQ)
Siemens Regulator Kit 167 - 400 <sup>1</sup>	RK-11022K	10.2 (259)	7.75 (196.9)	2.63 (66.8) base port	1
Siemens Regulator Kit - S400 <sup>1</sup>	RK-11021K	10.2 (259)	7.75 (196.9)	2.63 (66.8) base port	1

<sup>1</sup> (Regulator kit includes 2 bushing covers; fits Siemens Regulators - 219 amp to 489 amp) covers)

## RELIATANIUM MATERIAL PERFORMANCE TESTING All tests conducted at 38KV.

Performance Test #	Test Standards	Details	Test Result
Flammability	UL - 94	Vertical Flame Test Test plaques self-extinguishing with no drips	V-0
Ultraviolet Aging	IEEE std 1656™ - 2010 Section 5.6	After completing 1000 hours, no perceived changes to the condition of test samples.	Completed
Tracking and Erosion Resistance	IEC 60587	6 hrs (Full duration of test)	Achieved @ 2KV
Wet Power Frequency Flashover	IEEE Std 1656™-2010 Section 5.3	Average flashover value of all samples greater than 90% of the value obtained on the test fixture alone	Passed
Wet Withstand	IEEE Std 1656™-2010 Section 5.2.1	Option 1 - moving Electrode All Samples did not puncture or flash over	Passed
Tensile Strength at Break	ASTM D638		2,000 psi
Shore Durometer	ASTM D2240		65 Shore D
Heat Deflection	ASTM D648		225°F 66 psi