



GELCAP SL STUB CONNECTION KIT FOR STREET LIGHTS (1000V)

KEY FEATURES

- Fast and easy installation
- Easy re-entry
- PowerGel sealant technology

TE Connectivity's (TE) Raychem GelCap SL stub connection kits provide quick installation, dependable performance, and easy re-entry. These kits quickly and conveniently connect, insulate, seal, and protect stub splice connections up to 1000 volts. The robust yet compact design was engineered to handle the harsh environment of motor connections.

To install a GelCap stub connection kit, simply push the cover down over the connection and snap the clamp closed. The PowerGel sealing gel is already in the cap, no extra material or grease is required.

The corner of the stub connection is easy to re-enter as the PowerGel sealing gel pulls away leaving a clean connection. Re-entry is also safer than other methods because no sharp objects or cutting tools are required for removal of the cap.

The GelCap stub connection kits feature revolutionary PowerGel sealing gel which provides an excellent moisture seal over a wide temperature range (-40°C to 105°C). PowerGel sealing gel has excellent insulating properties and the added benefit of acting as a vibration damper.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

GelCap Stub Connection Kit (1000V)



PowerGel sealing gel has been in use in other applications for over 10 years. TE gels are ideal for sealing electrical connections from moisture, dirt and other contaminants.

Silicone gel is high dielectric insulation and provides constant pressure on cable and connector to provide water seal. PowerGel sealing gel is specially formulated for high temperature environments.

Molded clamp of UV stable, impact resistant polypropylene secures cover in place.

Molded cover of high abrasive and impact resistant elastomer provides rugged protection for electrical connection.

Snap-lock feature provides quick installation and removal.

TESTING

Testing	Test Conditions
Chemical Resistance	ASTM D543, Sulfuric acid, Sodium hydroxide, Transformer and motor oil
Ozone Resistance	ASTM D1149, 120 hours @ 40°C, 50 pphm
Accelerated Aging	ASTM D2671
UV Resistance	ASTM G53, UVB, 4000 hours, 4 hour on/off cycle
Abrasion Resistance	2040 gm wt., 4000 cycles, 5% max thickness loss

PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)

Description	HOLES "A"		HOLES "B"	
	Wire Range	Recommended Torque Values	Wire Range	Recommended Torque Values
GelCap-SL-2/0-3 Hole	#14 - 2/0 AWG (2 - 70 sq. mm)	120 - 180 in.-lbs. (13.6 - 20.3 N-m)	#14 - 6 AWG (2 - 10 sq. mm)	120 - 150 in.-lbs. (13.6 - 17 N-m)

TEST REPORT

EDR-5334

EDR-5352



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