



GelCap SL

Stub Connection Kit for Street Lights (1000V)

KEY FEATURES

- Fast and easy installation
- Easy re-entry
- PowerGel sealing gel technology

COMMON USES

- Motor connections
- Street lighting
- HVAC
- Outdoor lighting

TE Connectivity's (TE) GelCap SL stub connection kits provide quick installation, dependable performance, and easy reentry.

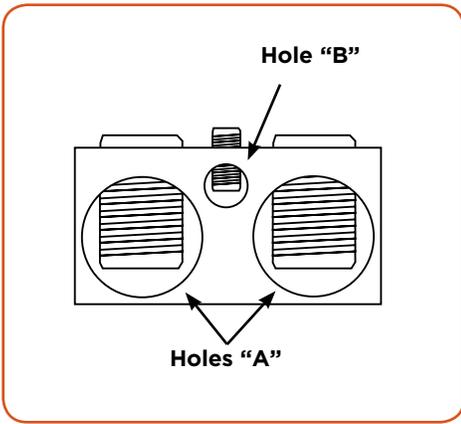
GelCap SL stub connection kits quickly and conveniently connect, insulate, seal, and protect stub splice connections up to 1000 volts. The robust yet compact design was engineered to handle the harsh environment of motor connections.

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 reenter 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.

Raychem
from TE Connectivity



Product Specifications

Product Selection Information: Dimensions in inches (mm/metric)				
	Holes "A"		Holes "B"	
Kit	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)

Product Performance

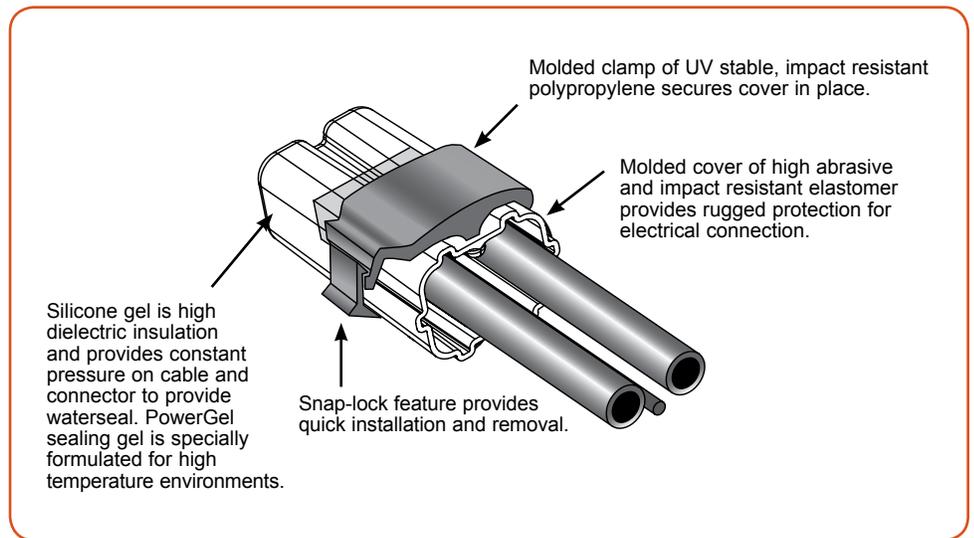
The TE GelCap SL stub connection kit meets the following requirements:

TE's PowerGel sealing gel is a combination of crosslinked silicone rubber and silicone oil.

Our pre-cured polymer gels are blended together and crosslinked to give high elasticity, high cohesiveness, and temperature stability. 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. There is no need to apply heat or use sealants that would make re-entry difficult or impossible. When compressed, gels will coat and adhere to surfaces; they can be easily removed by pulling or peeling them off.

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

Related Product Information: EDR-5334 and EDR-5352 Test Report



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