

The image shows the components of the GelCap SL Stub Connection Kit. It includes a white plastic cap with a black clamp, a black clamp, a small metal terminal block, and a white plastic cap with a black clamp already installed on a cable. The background is blue.

GelCap SL

Stub Connection Kit for Street Lights (1000V)

Energy Division

Tyco Electronics' 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.

Fast and easy installation

GelCap stub connection kits provide for fast installation. 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.

Easy reentry

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

PowerGel sealing gel technology

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.

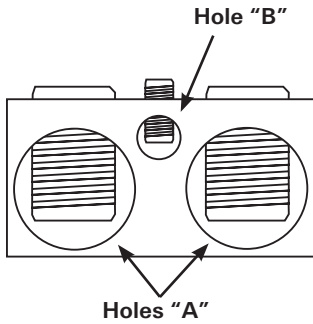
Common uses

- Motor connections
- Street lighting
- HVAC
- Outdoor lighting

Product selection

Dimensions in inches (mm/metric)

Kit	Holes "A"		Hole "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)



Product Performance

The Tyco Electronics' GelCap SL stub connection kit meets the following requirements:

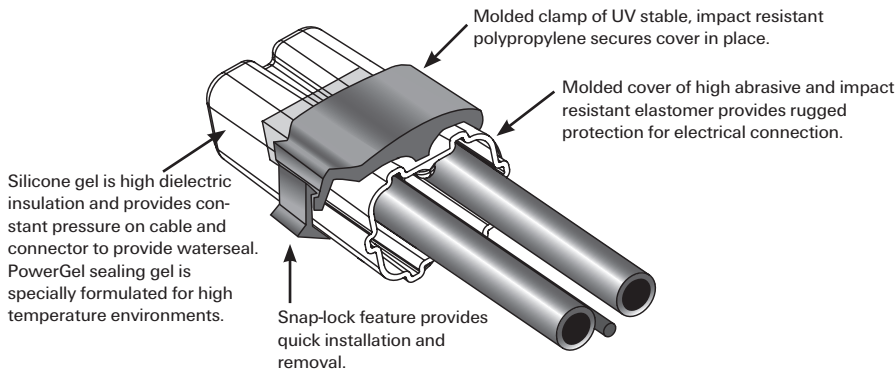
Testing

Chemical Resistance
Ozone Resistance
Accelerated Aging
UV Resistance
Abrasion Resistance

Test Conditions

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

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



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Energy Division – a pioneer in the development of economical solutions for the electrical power industry. Our product range includes: Cable accessories, connectors & fittings, electrical equipment, instruments, lighting controls, insulators & insulation enhancement and surge arresters.