



# GILS

## Gel In-Line Splice Kit (1000V)

Energy Division

Super-easy, snap-close, gel-filled closure

#### Best cold-applied seal

The GILS gel in-line splice kit offers a state-of-the-art sealed splice for both underground, buried and overhead applications.

#### PowerGel sealant technology

The GILS closure, with its revolutionary PowerGel sealing gel, covers and seals the splice quickly and easily, saving both time and effort. PowerGel sealant is rated to 95°C.

#### Capacity

The kit's range-taking mechanical connector splices aluminum and copper cables. Since everything is included in one convenient kit (even the connectors) you will not get caught without all the right equipment.

#### Easy to install

Closing the rugged GILS closure is literally a snap. Small housings allow for installation in cramped locations.

GILS-4/0 4.25" long

GILS-350 7.1" long

#### Re-enterable

The GILS closure is simple to re-enter because the PowerGel sealant pulls away leaving a clean connection.

#### Tools required

5/16" Allen wrench or a torque wrench and a knife.

#### Cable size range

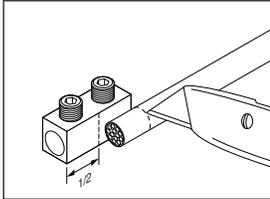
GILS-4/0 #2 AWG to 4/0 AWG

GILS-350 1/0AWG - 350kcmil

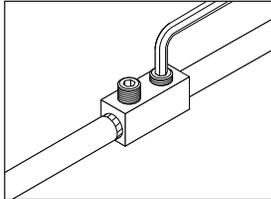
 **Tyco Electronics**

Our commitment. Your advantage.

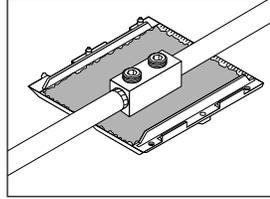
## Installation



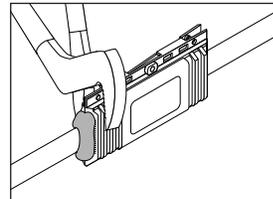
1. Remove insulation equivalent to half the connector length.



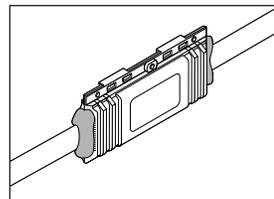
2. a. Insert conductors into connector.  
b. Using 5/16" Allen wrench, tighten set screws.  
c. Torque screws to 275 in-lb.  
d. Flex cable.  
e. Torque again.



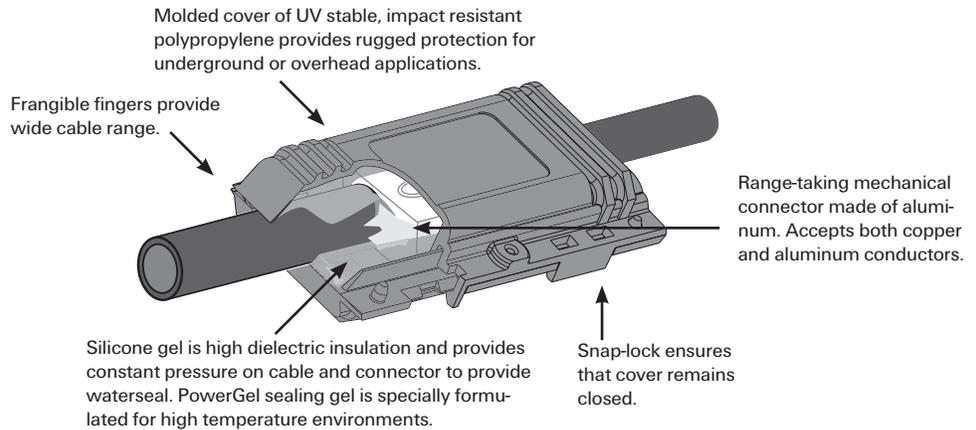
3. Center connector over GILS gel cover.



4. Snap shut both locks. Use pliers, if needed, to close.



5. Completed splice.



### Product Selection Guide

Kit*	Use Range	Recommended Torque
GILS 4/0	#2-4/0 AWG (33-107mm <sup>2</sup> )	275 in-lb. (31.1 N·m)
GILS 350	1/0-350kcmil (50-150mm <sup>2</sup> )	275 in lb. (31.1 N.m)

Meets requirements of ANSI C119.1

Related Product Information: EDR-5298 GILS-4/0  
EDR-5394 GILS-350

#### Installed Dimensions

Kit Description	Length inches (mm)	Width inches (mm)	Height inches (mm)
GILS-4/0	4.25 (108)	2 (51)	1.1 (30)
GILS-350	7.1 (180)	2.75 (71)	1.57 (40)

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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.