



GHFC

Gel H-frame Closure (1000V)

Energy Division

Tyco Electronics' GHFC gel H-frame closure provides a fast and simple method for insulating and environmentally sealing low-voltage cable taps and splices made with H-frame compression connectors. The closure utilizes Tyco Electronics' innovative PowerGel sealing gel to protect the connection from moisture ingress, corrosion, and pollution.

The low-voltage H-frame closure is ideal for both underground and overhead applications and is especially useful for street lighting applications.

Simply place the connection on the closure and press the closure together. It's that easy—no tapes, mastics, tools, or mixing are required. The closure can be easily installed with one hand, even while wearing high voltage gloves.

Saves time and money

No taping or tools required.

Installs in seconds

Hinged closure allows for one-step installation. Just snap closed.

Provides water-tight seal

Designed to maintain full insulating value in direct-buried applications.

Re-enterable

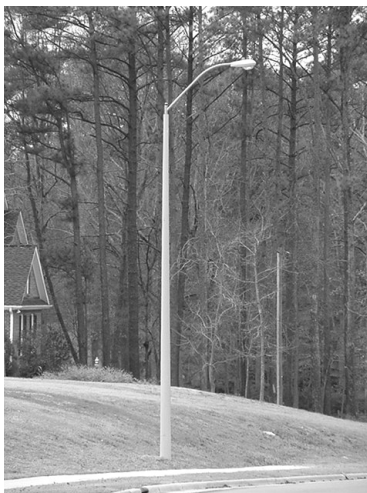
Silicone gel easily peels away leaving a clean connection.

Broad use range

Ideal for street lighting and service applications.

Provides rugged protection

UV resistant. Qualified for temperatures from -40°C to 90°C. Impact and abrasion resistant.



Use on all street light connections.

- Fast installation
- No corrosion

Tyco Electronics' PowerGel

A gel is a dispersion of liquid locked in a crosslinked polymer matrix. Tyco Electronics' pre-cured polymer gels are blended together and crosslinked to give high elasticity, high cohesiveness, and temperature stability. They have been in use in other applications for over 10 years. Tyco Electronics' 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 reentry difficult or impossible. When compressed, gels will coat and adhere to surfaces; they can be easily removed by pulling or peeling them off.

Product Performance

Tyco Electronics' GHFC gel H-frame closure has been tested to and meets the following requirements:

Testing	Test Conditions
Underground Splicing	ANSI C119.1-1986
Fungus Resistance	ASTM G-21

Related Product Information: EDR-5264 Test Report

Product Selection

Kit Description	Conductor Size (AWG/mm ²)			Standard Package
	Main	Tap	Die	
GHFC - 1-90	#6-#2 (16-35)	#14-#8 (2.5-10)	"BG"	10 each
GHFC - 2-90	#2-2/0 (35-70)	#14-#6 (2.5-16)	"O"	10 each
GHFC - 2.5-90	1/0-4/0 (50-95)	#6-3/0 (16-85)	"D"	30 each
GHFC - 3-90	350 (185)	#4/0 (95)	"N"	6 each

Ordering Information

Select the appropriate catalog number. Selections are based on typical dimensions for low-voltage, insulated cable and connectors.

Approved connectors include, but are not limited to:

Product

GHFC-1-90

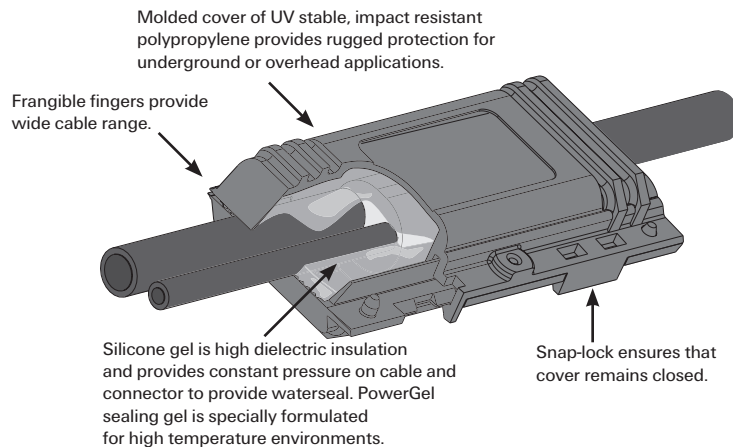
Approved Connectors

Homac UB214; T&B 63105
Blackburn WR9; Burndy YPC2A8U

GHFC-2-90

Homac OB22, OB44, OB102, OB103
Burndy YHO-1, YHO-2, YHO100, YHO125, YHO150
Blackburn WR139, WR159, WR179, WR199
ILSCO AH1; T&B 63110; UTILCO HT1, HT2

For information on other connectors or applications, please contact your local Tyco Electronics' representative.



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All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale. GHFC, PowerGel, TE logo, and Tyco Electronics are trademarks.

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[GHFC-3-90\(B18\)](#)