

### RAYCHEM | RAYCHEM GHFC

TE Internal #: 294925-000

Joints & Splices, AMERICAS, Cold Shrink / Cold Applied, ≤ 1 kV, Inline, H-Frame Splice Closure, Cross-Section 35 – 70 mm²,

RAYCHEM GHFC

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Energy & Power > Power Cable Accessories > Joints & Splices



Joints & Splice Product Availability: AMERICAS

Installation Instruction: English

Joints & Splice Technology: Cold Applied, Cold Shrink

Joints & Splice Voltage Class: ≤ 1 kV

Joint & Splice Application Type: Inline

## **Features**

## **Product Type Features**

Component Design	PowerGel Sealing Gel
Adhesive Coating	Silicone Gel
Material System	Polypropylene Cover
Joints & Splice Technology	Cold Applied, Cold Shrink
Joints & Splice Product Type	H-Frame Splice Closure
Closing Method	Snap
Configuration Features	
Number of Main Wires (Max)	1
Electrical Characteristics	
Joints & Splice Voltage Class	$\leq 1 \text{ kV}$
Body Features	
Color	Black
Termination Features	
Die Reference	0
Mechanical Attachment	
Mechanical Reinforcement	No



Conductor Range (Tap)  Conductor Range (Wain)  2 - 00 AWG  Cross Section Range  3b - 70 mm²  Cable Cross-Section (Max) (Main)  70 mm²  Cable Cross-Section (Min) (Main)  To mm²  Usage Conditions  Environmental Resistance  Moisture, Wasthering, Rain, Salt Water, Contaminated Water  Chemical Resistance  Chemical Resistance  Operation/Application  Thermal Resistance  Applicable for Low Temperatures, Applicable for Low Temperatures, Applicable for High Temperatures, Hame-Retardant  Marine-Offshore-Shipbuilding Certified  No  Mechanical Resistance  UV-Stao lized  Yes  Joint & Spice Application Type  Intine  Free of Lead, Cadmium, Heavy Metals  Ves  Industry Standards  CSA Certified  No  Product Availability  Joints & Spice Product Availability  Joints & Spice Product Availability  Joints & Spice Product Availability  Packaging Features  Standard Pack  10  Product Availabile  Dreckinging Method  Other  Other Colors Available  No  Prower Geri-filled box for LV underground & coverhead spices.		
Conductor Range (Main) Cross-Section Range 35 – 70 mm² Cable Cross-Section (Max) (Main) Cable Cross-Section (Min) (Main) Cable Cross-Section (Min) (Main) 35 mm²  Usage Conditions  Environmental Resistance Moisture, Weathering, Rain, Salt Water, Contaminated Water Chemical Resistance Irransformer OII & Hydrocarbons (Both, Depending on Type, Conditions & Excosure Time)  Operation/Application  Thermal Resistance Applicable for Low Temperatures, Applicable for Low Temperatures, Applicable for High Temperatures, Flame Retardant  Marine Offshore Shipbuilding Certified No Mechanical Resistance Against Mechanical Impact  UV-Stabilized Yes Joint & Splice Application Type Inline Free of Lead, Cadmium, Heavy Metals Yes Industry Standards  CSA Certified No Standards  CSA Certified No Product Availability Joint & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10 Packaging Guantity 1 Packaging Method Bag  Other Other Colors Available No Product Use Prover Cell-filled box for LV underground & Power Cell-filled box for LV underg		
Coss Section Range 35 70 mm² Caole Cross Section (Max) (Max) 70 mm² Caole Cross Section (Min) (Min) 35 mm²  Usage Conditions  Froironmental Resistance Moisture, Weathering, Rain, Salt Water, Contaminated Water  Chemical Resistance Transformer OII & Hydroparbons (Both, Depending on Type, Conditions & Exposure Time)  Operation/Application  Thermal Resistance Applicable for Low Temperatures, Applicable for High Temperatures, Flame Retardant  Marine Offshore Shipbuilding Certified No  Mechanical Resistance Against Mechanical Impact  UV Stabilized Yes Joint & Splice Application Type Inline  Free of Lead, Cadmium, Heavy Metals Yes  Industry Standards  CSA Certified No Standards ANSI C119.1  UL Rating No  Product Availability Joint & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10  Preckaging Quantity 1  Preckaging Method Bag  Other  Other Colors Available  Other Colors Available  ProverGel-#illed box for LV underground & PowerGel-#illed box for LV underground & Product Use	Conductor Range (Tap)	14 – 6 AWG
Cable Cross-Section (Max) (Main)  Cable Cross Section (Min) (Main)  Usage Conditions  Environmental Resistance  Chemical Resistance  Applicable for Low Lemperatures, Exposure Time)  Operation/Application  Thermal Resistance  Applicable for Low Lemperatures, Hame-Retardant  Marine Offshore Shipbuilding Certified  No  Mechanical Resistance  Against Mechanical Impact  Ves  Joint & Splice Application Type  Infline  Free of Lead, Cadmium, Heavy Metals  CSA Certified  No  Standards  CSA Certified  No  Product Availability  Joints & Splice Product Availability  AMERICAS  Packaging Features  Standard Pack  10  Packaging Features  Other  Other Colors Available  No  Product Use  PowerGel filled box for LV underground & Product Use	Conductor Range (Main)	2 – 00 AWG
Cable Cross-Section (Min) (Main)  Usage Conditions  Environmental Resistance  Environmental Resistance  Chemical Resistance  Chemical Resistance  Chemical Resistance  Chemical Resistance  Transformer Oil & Hydrocarbons (Both, Depending on Type, Conditions & Exposure Time)  Operation/Application  Thermal Resistance  Applicable for Low Temperatures, Plame-Retrardant  Marine Offshore Shipbuilding Certified  No  Mechanical Resistance  Against Mechanical Impact  UV Stabilized  Yes  Joint & Splice Application Type  Infline  Free of Lead, Cadmium, Heavy Metals  CSA Certified  No  Standards  CSA Certified  No  Product Availability  Joints & Splice Product Availability  AMERICAS  Packaging Features  Standard Pack  10  Packaging Quantity  1  Packaging Method  Bag  Other  Other Colors Available  No  Product Use  PowerGel-filled box for LV underground & Pow	Cross-Section Range	35 – 70 mm²
Usage Conditions  Environmental Resistance  Chemical Resistance  Chemical Resistance  Transformer Oil & Hydrocarbons (Both, Depending on Type, Conditions & Exposure Tirne)  Operation/Application  Thermal Resistance  Applicable for Low Temperatures, Applicable for High Temperatures, Applicable for High Temperatures, Flame Resistance  Marine-Offshore-Shipbuilding Certified  No  Mechanical Resistance  Against Mechanical Impact  UV-Stabilized  Yes  Joint & Splice Application Type  Infline  I ree of Lead, Cadmium, Heavy Metals  CSA Cartified  No  Standards  CSA Cartified  No  Product Availability  Joints & Splice Product Availability  AMERICAS  Packaging Features  Standard Pack  10  Packaging Quantity  1  Packaging Method  Bag  Other  Other Colors Available  Product Use  PowerGel-filled box for LV underground & PowerGel-filled box for LV underground	Cable Cross-Section (Max) (Main)	70 mm²
Environmental Resistance  Chemical Resistance  Chemical Resistance  Transformer Oil & Hydrocarbons (Both, Depending on Type, Conditions & Exposure Time)  Operation/Application  Thermal Resistance  Applicable for Low Temperatures, Applicable for High Temperatures, Applicable for High Temperatures, Flame-Retardant  Marine-Offshore-Shipbuilding Certified  No  Mechanical Resistance  Against Mechanical Impact  UV Stabilized  Yes  Joint & Splice Application Type  Inline  Free of Lead, Cadmium, Heavy Metals  Ves  Industry Standards  CSA Certified  No  Standards  ANSI C119.1  UL Rating  No  Product Availability  Joints & Splice Product Availability  AMERICAS  Packaging Features  Standard Pack  10  Packaging Quantity  1  Packaging Method  Bag  Other  Other Colors Available  No  Product Use  PowerGel-Iilled box for LV underground & PowerGel-IIII and PowerGel-III and PowerGel-IIII and PowerGel-III and PowerGel-IIII and PowerGel-III and PowerGel-III and PowerGel-III and PowerGel-III and PowerGel-I	Cable Cross-Section (Min) (Main)	35 mm <sup>2</sup>
Chemical Resistance Chemical Resistance Transformer Oil & Hydrocarbons (Both, Depending on Type, Conditions & Exposure Time)  Operation/Application  Thermal Resistance Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant  Marine-Offshore-Shipbuilding Certified No Mechanical Resistance Against Mechanical Impact  UV-Stabilized Yes Joint & Splice Application Type Inline Free of Lead, Cadmium, Heavy Metals  Industry Standards  CSA Certified No Standards ANSI C119.1  UL Rating No  Product Availability Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10 Packaging Quantity 1 Packaging Method Bag  Other  Other Colors Available No Product Use PowerGel-filled box for IV underground & PowerGel-filled box for IV und	Usage Conditions	
Depending on Type, Conditions & Exposure Time)  Operation/Application  Thermal Resistance Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant  Marine-Offshore-Shipbuilding Certified No  Mechanical Resistance Against Mechanical Impact  UV-Stabilized Yes  Joint & Splice Application Type Inline  Free of Lead, Cadmium, Heavy Metals Yes  Industry Standards  CSA Certified No Standards ANSI C119.1  UL Rating No  Product Availability  Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10  Packaging Quantity 1  Packaging Method Bag  Other  Other Other Office Application Type Inline  Product Use Product V underground & PowerGel-filled box for LV underground &	Environmental Resistance	
Thermal Resistance Applicable for Low Temperatures, Applicable for Low Temperatures, Applicable for High Temperatures, Flame-Retardant  Marine-Offshore-Shipbuilding Certified No Mechanical Resistance Against Mechanical Impact  UV Stabilized Yes Joint & Splice Application Type Inline Free of Lead, Cadmium, Heavy Metals Yes Industry Standards  CSA Certified No Standards ANSI C119.1  UL Rating No Product Availability Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10 Packaging Method Bag  Other  Other Colors Available No Product Use PowerGel-filled box for LV underground &		Depending on Type, Conditions &
Applicable for High Temperatures, Flame-Retardant  Marine-Offshore-Shipbuilding Certified No  Mechanical Resistance Against Mechanical Impact  UV-Stabilized Yes  Joint & Splice Application Type Inline  Free of Lead, Cadmium, Heavy Metals Yes  Industry Standards  CSA Certified No Standards ANSI C119.1  UI Rating No  Product Availability  Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10 Packaging Quantity 1 Packaging Method Bag  Other  Other Colors Available No Product Use PowerGel-filled box for LV underground &	Operation/Application	
Mechanical Resistance UV-Stabilized Yes Joint & Splice Application Type Inline Free of Lead, Cadmium, Heavy Metals  CSA Certified No Standards UL Rating No Product Availability Joints & Splice Product Availability AMERICAS  Packaging Features Standard Pack 10 Packaging Quantity 1 Packaging Method Bag  Other Other Colors Available Product Use Against Mechanical Impact Yes Inline No Annine Ansi C119.1  No Bag Other PowerGel-filled box for LV underground &	Thermal Resistance	Applicable for High Temperatures, Flame-
UV-Stabilized Yes Joint & Splice Application Type Inline Free of Lead, Cadmium, Heavy Metals Yes Industry Standards  CSA Certified No Standards ANSI C119.1  UL Rating No Product Availability  Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10  Packaging Quantity 1  Packaging Method Bag  Other  Other Colors Available No Product Use PowerGel-filled box for LV underground &	Marine-Offshore-Shipbuilding Certified	No
Joint & Splice Application Type Free of Lead, Cadmium, Heavy Metals  CSA Certified No Standards ANSI C119.1  UL Rating No Product Availability  Joints & Splice Product Availability  AMERICAS  Packaging Features  Standard Pack 10 Packaging Quantity 1 Packaging Method Bag  Other  Other Colors Available Product Use Inline Inl	Mechanical Resistance	Against Mechanical Impact
Free of Lead, Cadmium, Heavy Metals  Industry Standards  CSA Certified  No Standards  ANSI C119.1  UL Rating  No  Product Availability  Joints & Splice Product Availability  AMERICAS  Packaging Features  Standard Pack  10 Packaging Quantity  1 Packaging Method  Bag  Other  Other Colors Available  Product Use  PowerGel-filled box for LV underground &	UV-Stabilized	Yes
Industry Standards  CSA Certified No Standards ANSI C119.1  UL Rating No Product Availability  Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10 Packaging Quantity 1 Packaging Method Bag  Other  Other Colors Available No Product Use PowerGel-filled box for LV underground &	Joint & Splice Application Type	Inline
CSA Certified No Standards ANSI C119.1  UL Rating No Product Availability  Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10 Packaging Quantity 1 Packaging Method Bag  Other  Other Colors Available No Product Use PowerGel-filled box for LV underground &	Free of Lead, Cadmium, Heavy Metals	Yes
Standards ANSI C119.1  UL Rating No  Product Availability  Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10  Packaging Quantity 1  Packaging Method Bag  Other  Other Colors Available No  Product Use PowerGel-filled box for LV underground &	Industry Standards	
UL Rating No  Product Availability  Joints & Splice Product Availability AMERICAS  Packaging Features  Standard Pack 10  Packaging Quantity 1  Packaging Method Bag  Other  Other Colors Available No  Product Use PowerGel-filled box for LV underground &	CSA Certified	No
Product Availability  Joints & Splice Product Availability  AMERICAS  Packaging Features  Standard Pack  Packaging Quantity  1  Packaging Method  Bag  Other  Other Colors Available  Product Use  PowerGel-filled box for LV underground &	Standards	ANSI C119.1
Joints & Splice Product Availability  Packaging Features  Standard Pack Packaging Quantity 1 Packaging Method Bag  Other  Other Colors Available Product Use  AMERICAS  AMERICAS  No  PowerGel-filled box for LV underground &	UL Rating	No
Packaging Features  Standard Pack 10  Packaging Quantity 1  Packaging Method Bag  Other  Other Colors Available No  Product Use PowerGel-filled box for LV underground &	Product Availability	
Standard Pack Packaging Quantity 1 Packaging Method Bag  Other  Other Colors Available Product Use 10 Packaging Method No PowerGel-filled box for LV underground &	Joints & Splice Product Availability	AMERICAS
Packaging Quantity  Packaging Method  Bag  Other  Other Colors Available  Product Use  No  PowerGel-filled box for LV underground &	Packaging Features	
Packaging Method  Other  Other Colors Available  Product Use  Description:  No  PowerGel-filled box for LV underground &	Standard Pack	10
Other  Other Colors Available  Product Use  No  PowerGel-filled box for LV underground &	Packaging Quantity	1
Other Colors Available  Product Use  No  PowerGel-filled box for LV underground &	Packaging Method	Bag
Product Use PowerGel-filled box for LV underground &	Other	
	Other Colors Available	No
·	Product Use	PowerGel-filled box for LV underground & overhead splices.



Installation Instruction English
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## **Product Compliance**

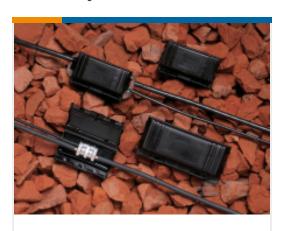
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# Compatible Parts



TE Part # 765669-000 GHFC-1-90(B10)



TE Part # 629995-000 GHFC-3-90(B18)



TE Part # C48562-000 GHFC-2.5-90(B300



TE Part # 348333-000 GHFC-2-90(B100)

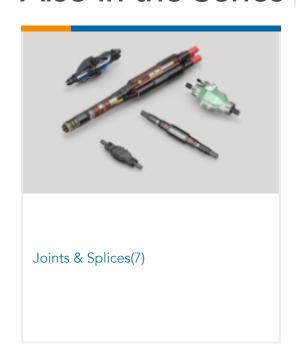








## Also in the Series | RAYCHEM GHFC



## Customers Also Bought



## **Documents**

Datasheets & Catalog Pages

GHFC-GEL-H-FRAME-CLOSURE-CABLE-ACCESSORIES

English

GHFC-GEL-H-FRAME-CLOSURE-CABLE-ACCESSORIES

**Instruction Sheets** 

Instruction Sheet (U.S.)

English

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