

RAYCHEM | RAYCHEM GelCap

TE Internal #: 292284-000

Motor Connection Kit, ≤ 1 kV, 125 – 250 mm² Conductor, 250 – 500

AWG/kcmil Conductor, Snap Closure, RAYCHEM GelCap

View on TE.com >



Energy & Power > Power Cable Accessories > Joints & Splices



Installation Technology: Power Gel

Product Availability: Americas
Installation Instruction: English

Voltage Class: ≤ 1 kV

Joints & Splice Product Type: Motor Connection Kit

Features

Product Type Features

Voltage Class Body Features Flexibility Semi-Flexible Mechanical Attachment Mechanical Reinforcement Mechanical Reinforcement Molded Cap Clamp Dimensions Compatible Conductor Cross-Section Range Compatible Conductor Range 250 − 500 AWG/kcmil Compatible Cable Cross-Section - Main (Max) Compatible Cable Cross-Section - Main (Min) 125 mm²		
Joints & Splice Product Type Motor Connection Kit Closing Method Snap Electrical Characteristics Voltage Class ≤ 1 kV Body Features Flexibility Semi-Flexible Mechanical Attachment Mechanical Reinforcement Molded Cap Clamp Dimensions Compatible Conductor Cross-Section Range 125 – 250 mm² Compatible Conductor Range 250 – 500 AWG/kcmil Compatible Cable Cross-Section - Main (Max) 250 mm² Compatible Cable Cross-Section - Main (Min) 125 mm²	Adhesive Coating	With
Closing Method Electrical Characteristics Voltage Class Sedy Features Flexibility Mechanical Attachment Mechanical Reinforcement Molded Cap Clamp Dimensions Compatible Conductor Cross-Section Range Compatible Conductor Range Compatible Cable Cross-Section - Main (Max) Compatible Cable Cross-Section - Main (Min) 125 mm²	Installation Technology	Power Gel
Voltage Class Voltage Class Semi-Flexible Mechanical Attachment Mechanical Reinforcement Molded Cap Clamp Dimensions Compatible Conductor Cross-Section Range Compatible Conductor Range Compatible Cable Cross-Section - Main (Max) Compatible Cable Cross-Section - Main (Min)	Joints & Splice Product Type	Motor Connection Kit
Voltage Class Body Features Flexibility Semi-Flexible Mechanical Attachment Mechanical Reinforcement Mechanical Reinforcement Molded Cap Clamp Dimensions Compatible Conductor Cross-Section Range Compatible Conductor Range 250 − 500 AWG/kcmil Compatible Cable Cross-Section - Main (Max) Compatible Cable Cross-Section - Main (Min) 125 mm²	Closing Method	Snap
Body Features Flexibility Semi-Flexible Mechanical Attachment Mechanical Reinforcement Molded Cap Clamp Dimensions Compatible Conductor Cross-Section Range 125 – 250 mm² Compatible Conductor Range 250 – 500 AWG/kcmil Compatible Cable Cross-Section - Main (Max) 250 mm² Compatible Cable Cross-Section - Main (Min)	Electrical Characteristics	
Flexibility Mechanical Attachment Mechanical Reinforcement Molded Cap Clamp Dimensions Compatible Conductor Cross-Section Range Compatible Conductor Range 250 – 500 AWG/kcmil Compatible Cable Cross-Section - Main (Max) Compatible Cable Cross-Section - Main (Min) 125 mm²	Voltage Class	$\leq 1 \text{ kV}$
Mechanical AttachmentMechanical ReinforcementMolded Cap ClampDimensions125 – 250 mm²Compatible Conductor Cross-Section Range125 – 250 mm²Compatible Conductor Range250 – 500 AWG/kcmilCompatible Cable Cross-Section - Main (Max)250 mm²Compatible Cable Cross-Section - Main (Min)125 mm²	Body Features	
Mechanical ReinforcementMolded Cap ClampDimensionsCompatible Conductor Cross-Section Range125 – 250 mm²Compatible Conductor Range250 – 500 AWG/kcmilCompatible Cable Cross-Section - Main (Max)250 mm²Compatible Cable Cross-Section - Main (Min)125 mm²	Flexibility	Semi-Flexible
DimensionsCompatible Conductor Cross-Section Range125 – 250 mm²Compatible Conductor Range250 – 500 AWG/kcmilCompatible Cable Cross-Section - Main (Max)250 mm²Compatible Cable Cross-Section - Main (Min)125 mm²	Mechanical Attachment	
Compatible Conductor Cross-Section Range 125 – 250 mm² Compatible Conductor Range 250 – 500 AWG/kcmil Compatible Cable Cross-Section - Main (Max) 250 mm² Compatible Cable Cross-Section - Main (Min) 125 mm²	Mechanical Reinforcement	Molded Cap Clamp
Compatible Conductor Range 250 – 500 AWG/kcmil Compatible Cable Cross-Section - Main (Max) 250 mm² Compatible Cable Cross-Section - Main (Min) 125 mm²	Dimensions	
Compatible Cable Cross-Section - Main (Max) Compatible Cable Cross-Section - Main (Min) 125 mm²	Compatible Conductor Cross-Section Range	125 – 250 mm²
Compatible Cable Cross-Section - Main (Min) 125 mm ²	Compatible Conductor Range	250 – 500 AWG/kcmil
	Compatible Cable Cross-Section - Main (Max)	250 mm ²
Usage Conditions	Compatible Cable Cross-Section - Main (Min)	125 mm ²
	Usage Conditions	

-40 - 105 °C[-40 - 221 °F]

Operating Temperature Range



Fluid Resistance Type	Motor Oil, Sodium Hydroxide, Sulfuric Acid, Transformer Oil
Environmental Resistance	Moisture, Self-Sealing
Operation/Application	
Mechanical Resistance	Abrasion Resistant (2040 gm wt, 4000 cycles, 5% max thickness loss), Against Mechanical Impact or Damage
UV-Stabilized	Yes
Thermal Resistance	Applicable for Low Temperatures, Applicable for High Temperatures, Flame- Retardant
Industry Standards	
Compatible With Approved Standards Products	ANSI C119.1, UL
Product Availability	
Product Availability	Americas
Packaging Features	
Packaging Method	Bag
Packaging Quantity	1
Other	
Product Use	PowerGel-filled cap for motor lead and stub splice connections
Installation Instruction	English

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # CP1967-000 GELCAP-SL-2/0-3HOLE-B100



TE Part # 986734-000 GELCAP-2(B5)

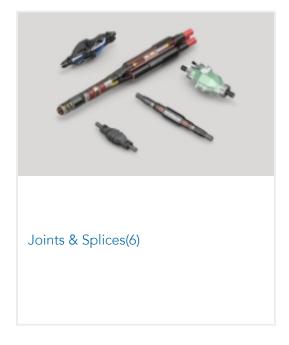


TE Part # 566376-000 GELCAP-1(B5)





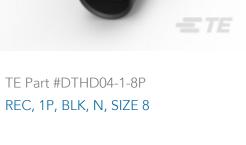
Also in the Series | RAYCHEM GelCap



Customers Also Bought









TE Part #1SNA231030R2400 RC510 1->100 HORIZONTAL



TE Part #1SNA199095R1300 ML10/13.SF





TE Part #986734-000 GELCAP-2(B5)



TE Part #632692-000 GELCAP-3(B5)



TE Part #2-1393122-8 KHAU-17A12-120=KH





Documents

Product Drawings GELCAP-4(B5)

English

Datasheets & Catalog Pages **GELCAP-MOTOR-CONNECTION-CABLE-ACCESSORIES**

English

Instruction Sheets

Instruction Sheet (U.S.)

English