

2819047-1 ✓ ACTIVE

## Modular Hard Wired Fuse and Relay Box

TE Internal #: 2819047-1

Battery Distribution Units, Bus Bar-to-Wire, .496 in [12.6 mm]

Centerline, 3G, UL 94HB, Bus Bar, Signal, Modular Hard Wired Fuse and Relay Box

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Connectors > Automotive Connectors > Power Distribution Boxes > Battery Distribution Units



Nominal Voltage Architecture: 12 V

Connector System: **Bus Bar-to-Wire**

Centerline (Pitch): 12.6 mm [ .496 in ]

Sealable: **No**

Vibration Class Level: 3G

### Features

#### Product Type Features

Connector System	Bus Bar-to-Wire
Sealable	No
Connector & Contact Terminates To	Bus Bar

#### Electrical Characteristics

Operating Voltage	12 V
Nominal Voltage Architecture	12 V

#### Contact Features

Contact Current Rating (Max)	50 A
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#### Termination Features

Battery Termination	Wire
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#### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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#### Housing Features



Centerline (Pitch)	12.6 mm[.496 in]
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### Usage Conditions

Operating Temperature Range	-40 – 115 °C[-40 – 239 °F]
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### Operation/Application

Vibration Class Level	3G
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94HB
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## Product Compliance

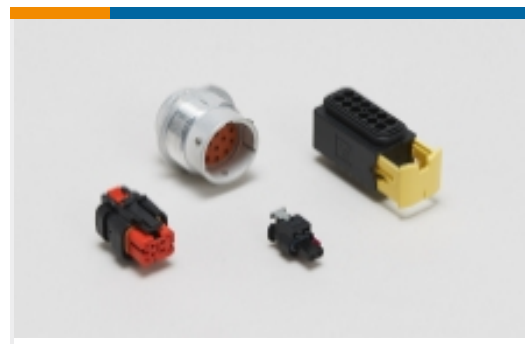
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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>

Also in the Series | [Modular Hard Wired Fuse and Relay Box](#)



Automotive Housings(1)



Battery Distribution Units(6)



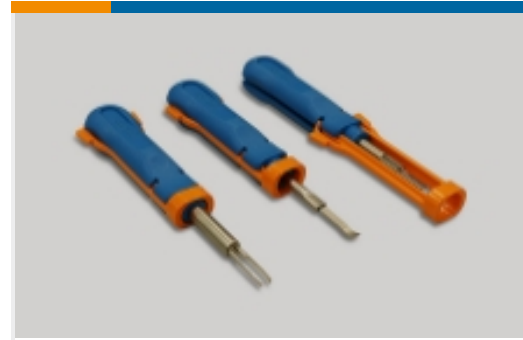
Busbars & Terminals(5)



Hard Wired Box Accessories(11)



Hard Wired Boxes with Busbars(3)



Insertion & Extraction Tools(3)



Module Components(9)



Other Hard Wired Boxes(6)

## Customers Also Bought



TE Part #1-1743632-2  
HYB SLD 36P PLUG ASSY



TE Part #2005088-1  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



TE Part #936154-2  
090III 22P CAP ASSY BLACK



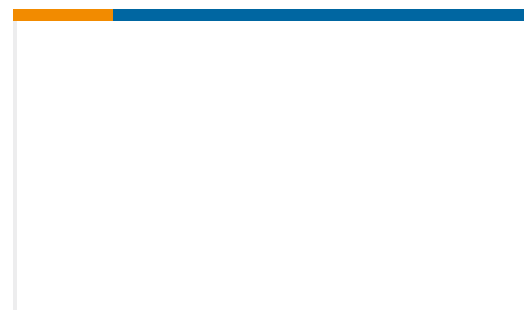
TE Part #1989719-1  
COVER ASSY MOS HSG 2X16 POSN.



TE Part #006977P006  
FL2500-NO.0-I7-0-27MM



TE Part #926845P006  
FL2500-NO.3-J1-0-27MM



TE Part #2819151-3  
RING TONGUE TRMNL,M8



TE Part #2338464-3  
COAX CABLE ASSY GMI700,  
E23009800



TE Part #649323-000  
BL-RNF-3000-12/4-0-40MM

## Documents



## Product Drawings

### 2 WAYS CONNECTOR ASSY

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2819047-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2819047-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2819047-1\\_A.3d\\_stp.zip](#)

English

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