



Connectors > Power Connectors > Power Bus Bar Connectors > Bus Bar Connectors



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

Number of Positions: **1**

Sealable: **No**

Connector & Contact Terminates To: **Bus Bar**

Blade Thickness: **3 mm [ .118 in ]**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	1
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### Electrical Characteristics

Operating Voltage	48 VAC
Current Rating	500 A

### Contact Features

Contact Design	Multiple Contact Point
Contact Base Material	Copper Alloy
Contact Plating Material	Silver over Nickel
Contact Current Rating (Max)	500 A
Contact Size	2



Contact Style	Socket
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#### Termination Features

PCB Termination	Through Hole - Screw
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#### Mechanical Attachment

Mating Alignment	Yes
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Mounting Retention	Yes
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Mounting Retention Type	Mounting Hole
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#### Housing Features

Housing Material	Stainless Steel
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#### Usage Conditions

Operating Temperature Range	-55 – 105 °C
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#### Operation/Application

Circuit Application	Power
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#### Industry Standards

UL Rating	Recognized
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#### Packaging Features

Packaging Method	Box & Tray
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#### Other

Blade Thickness	3 mm [.118 in]
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Not Yet Reviewed
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Not Yet Reviewed
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Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not applicable for solder process capability
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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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



TE Model / Part # 2204761-1  
IN-LINE MOUNT 300A BUSBAR CONN.

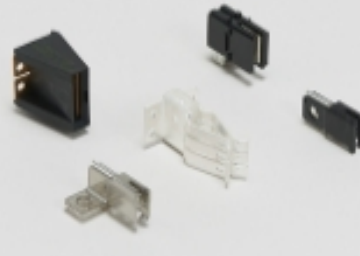


TE Model / Part # 2204761-2  
IN-LINE MOUNT 300A BUSBAR CONN




TE Model / Part # 2204866-1  
DUAL-POLE 500A RACK BUSBAR POWER CONN


### Also in the Series | Bowthorpe OCP2



Bus Bar Connectors(2)



Power Cable Assemblies(4)

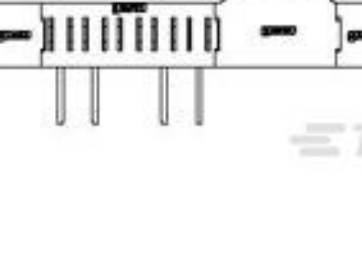


Surge Arresters(65)

### Customers Also Bought



TE Model / Part #2204080-1  
PLUGGABLE BUSBAR FOR 3MM BOARD



TE Model / Part #6651330-2  
CONNECTOR, PIN, RIGHT ANGLE,SOLDER,FLAT



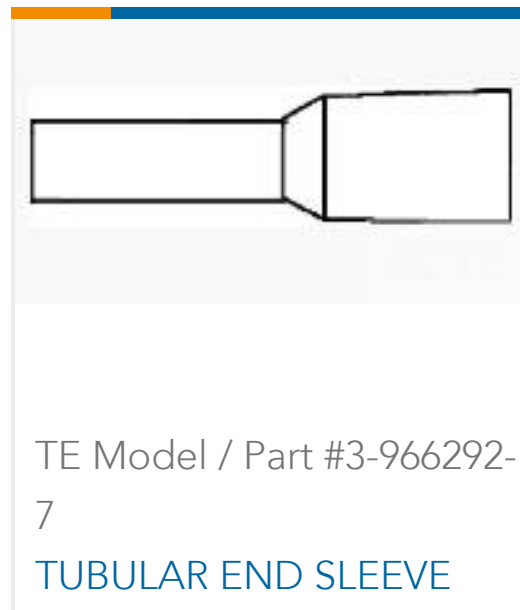
TE Model / Part #1-1423160-6  
7014CD=RLY,STD,4P, 480VAC,100SEC



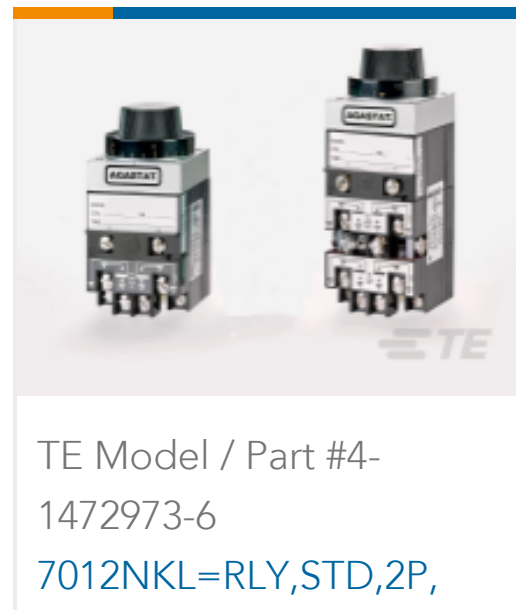
TE Model / Part #2-1423161-6  
7014NC=RLY,STD,ON,4P, 48VDC,20SEC



TE Model / Part #2204866-1  
DUAL-POLE 500A RACK  
BUSBAR POWER CONN



TE Model / Part #3-966292-7  
TUBULAR END SLEEVE



TE Model / Part #4-1472973-6  
7012NKL=RLY,STD,2P,  
48VDC,300SEC,OPT L



TE Model / Part #62609-1  
MAG-MATE W/BBL 27-25  
013 TPBR



TE Model / Part #6646816-1  
CONN,PIN,STR,SLDR,  
FLATPAQ

## Documents

### CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG\\_CVM\\_CVM\\_2204273-2\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2204273-2\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2204273-2\\_1.3d\\_stp.zip](#)

English

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL Report](#)

English