



Connectors > Terminal Blocks & Strips > Barrier Strips



Connector System: **Wire-to-Wire**

Number of Positions: **2**

Centerline (Pitch): **12 mm [.472 in]**

Number of Rows: **1**

Operating Voltage: **250 V**

Features

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Block Style                       | None         |
| Connector System                  | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Levels    | 1 |
| Number of Positions | 2 |
| Number of Rows      | 1 |

Electrical Characteristics

|                   |       |
|-------------------|-------|
| Operating Voltage | 250 V |
|-------------------|-------|

Body Features

|                                    |             |
|------------------------------------|-------------|
| Quick Connect Tab Plating Material | Tin         |
| Primary Product Color              | Natural     |
| Product Orientation                | Right Angle |

Contact Features

|                              |       |
|------------------------------|-------|
| Contact Base Material        | Brass |
| Contact Current Rating (Max) | 40 A  |

Mechanical Attachment

|                        |               |
|------------------------|---------------|
| Screw Plating Material | Zinc Chromate |
|------------------------|---------------|



|                         |                               |
|-------------------------|-------------------------------|
| Screw Material          | Steel                         |
| Mounting Options        | 3.6mm Diameter Mounting Holes |
| Thread Size             | M3.5                          |
| Connector Mounting Type | Panel Mount                   |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | Polyamide 6    |
| Centerline (Pitch) | 12 mm[.472 in] |

Dimensions

|                |            |
|----------------|------------|
| Product Length | 19.5 mm    |
| Wire Size      | .3 – 6 mm² |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -35 – 100 °C[-31 – 212 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| Packaging Method   | Package |

Product Compliance

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

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                    |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                    |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (3% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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 # 1776303-2  
TSB100002=EUROPA TERM BLK, 12MM



TE Part # 1776319-2  
TSB100002MDS=EUROPA T-BLK, 12MM

Customers Also Bought



TE Part #1-188275-2  
Female-on-Board Connector, Top Entry



TE Part #215083-8  
Male-on-Wire Connector, Micro-MaTch

Documents

Product Drawings  
TSB100002DS=EUROPA TM BLK,12MM  
English

CAD Files  
Customer View Model  
ENG\_CVM\_1776302-2\_O.3d\_igs.zip  
English  
Customer View Model

1776302-2

Wire-to-Wire, 2 Position, 12 mm [.472 in] Centerline, 1 Row, Operating Voltage 250 V,  
22 – 10 AWG Wire Size, .3 – 6 mm² Wire Size, Barrier Strips



[ENG\\_CVM\\_1776302-2\\_O.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1776302-2\\_O.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROPA TERMINAL BLOCKS](#)

English