



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **4**

Centerline (Pitch): **10.16 mm [ .4 in ]**

Number of Rows: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Header Type                       | Fully Shrouded        |
| Terminal Block Connector Type     | Header                |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                        |                |
|------------------------|----------------|
| Stacking Configuration | Side Stackable |
| Number of Positions    | 4              |
| Number of Rows         | 1              |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Body Features

|                       |          |
|-----------------------|----------|
| Primary Product Color | Green    |
| Product Orientation   | Vertical |



Contact Features

|                                      |              |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Tin          |
| Contact Base Material                | Copper Alloy |
| Contact Current Rating (Max)         | 15 A         |

Termination Features

|                                             |                       |
|---------------------------------------------|-----------------------|
| Termination Post & Tail Length              | 3.5 mm[.138 in]       |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | PA 66           |
| Centerline (Pitch) | 10.16 mm[.4 in] |

Dimensions

|           |             |
|-----------|-------------|
| Wire Size | .05 – 3 mm² |
|-----------|-------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

Wave solder capable to 240°C

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>

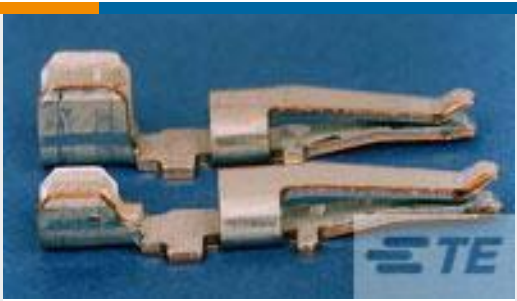
Compatible Parts

|                                                      |                                                    |                                                      |                                                      |
|------------------------------------------------------|----------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|                                                      |                                                    |                                                      |                                                      |
| TE Part # 282809-4<br>TERMI-BLOK PLUG STACKING 4P.10 | TE Part # 1776161-4<br>4P TERMI-BLOK HDR,HIGH TEMP | TE Part # 284051-4<br>TERMI-BLOK VERTICAL PLUG STACK | TE Part # 284045-4<br>TERMI-BLOK VERTICAL PLUG STACK |

Customers Also Bought

|                                                   |                                            |                                                       |                                                     |
|---------------------------------------------------|--------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
|                                                   |                                            |                                                       |                                                     |
| TE Part #5745781-4<br>09 MSFL RCPT RA 318 (IN,FM) | TE Part #103310-1<br>010 LOPRO HDR RA 15DP | TE Part #1-794073-1<br>08P MINI UMNH HDR W/O DH AU LF | TE Part #5-146254-3<br>06 MODII HDR DRST B/A .100CL |

|                                                     |                                                   |                                         |                                            |
|-----------------------------------------------------|---------------------------------------------------|-----------------------------------------|--------------------------------------------|
|                                                     |                                                   |                                         |                                            |
| TE Part #556137-2<br>HSG,AMPINERGY WTW,1 POS, BLACK | TE Part #1445960-1<br>MTG WING,15/30/45A PWR PROD | TE Part #1393127-9<br>PRD-11AG0-120=PRD | TE Part #1-2176339-7<br>CRGCQ 0603 220R 1% |



TE Part #556136-2  
CONT,AMPINNRGY WTW,LS PC,10-12



TE Part #4-1423673-1  
W51-A152A1-15=CKTBKR,THERM, ROC

Documents

Product Drawings

TERMI-BLOK HEADER,ASSY90 4P.

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_282828-4\_D1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_282828-4\_D1.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_282828-4\_D1.3d\_igs.zip

English

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

Datasheets & Catalog Pages

BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

English

BUCHANAN PCB TERMINAL BLOCKS

English

1-1773458-1\_EURO\_STYLE\_TERMINAL\_BLOCKS\_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English