#### Buchanan

TE Internal #: 282868-3

3 Position PCB Terminal Block, Header, Wire-to-Board, 5 mm [.197 in] Centerline, 2 Row, 90° Wire Entry Angle, 30 – 16 AWG, .05 – 1.4

mm<sup>2</sup> Wire, 300 VAC

View on TE.com >

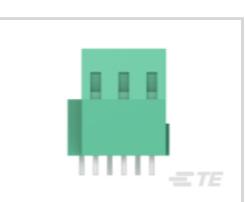


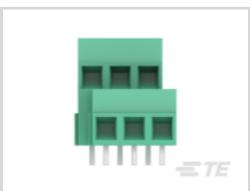
Connectors > Terminal Blocks & Strips > PCB Terminal Blocks











Number of Positions: 3

Terminal Block Connector Type: Header

Connector System: Wire-to-Board
Centerline (Pitch): 5 mm [ .197 in ]

Number of Rows: 2

### **Features**

## **Product Type Features**

Wire Protection	With
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Stacked Levels	Level 1/Level 2
Number of Positions	3
Number of Rows	2
Wire Entry Angle	90°
Wire Entry Location	Side
Electrical Characteristics	
Operating Voltage	300 VAC
Body Features	

Green

Primary Product Color



Product Orientation	Vertical
Contact Features	
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Brass
Contact Current Rating (Max)	13.5 A
Termination Features	
Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Push-in
Mechanical Attachment	
Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	PA 66
Centerline (Pitch)	5 mm[.197 in]
Dimensions	
Wire Size	30 – 16 AWG
Usage Conditions	
Operating Temperature Range	-40 - 110 °C[-40 - 230 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Box
Packaging Quantity	125

## **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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (2.03% in 30422482917) Article Safe Usage Statements: 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	Wave solder capable to 265°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**



# Customers Also Bought























### **Documents**

### **Product Drawings**

TERMI-BLOK PCB MOUNT 1&2 3P. 5

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_282868-3\_F.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_282868-3\_F.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_282868-3\_F.3d\_stp.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

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

English

### **Product Specifications**

**Application Specification** 

English

3 Position PCB Terminal Block, Header, Wire-to-Board, 5 mm [.197 in] Centerline, 2 Row, 90° Wire Entry Angle, 30 – 16 AWG, .05 – 1.4 mm² Wire, 300 VAC



Agency Approvals

UL

English