



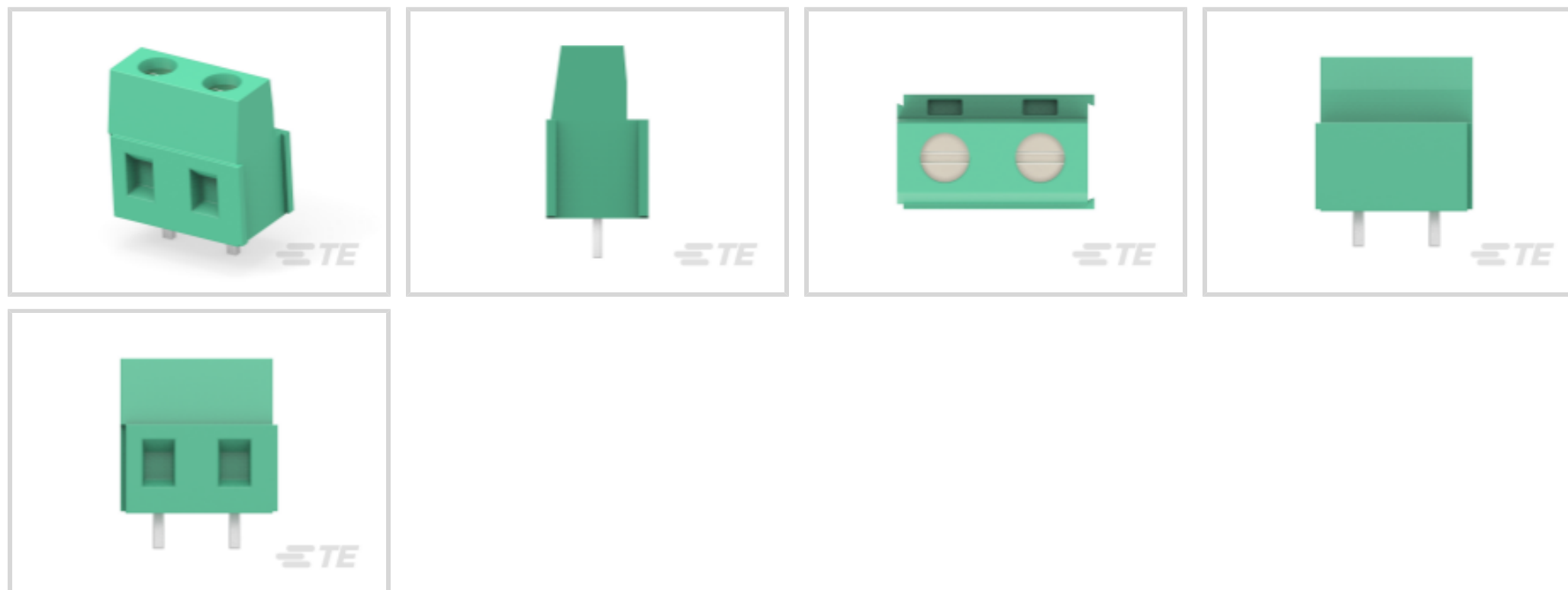
**Buchanan**

TE Internal #: 282844-2

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .295 in [7.5 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG Wire Size

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **2**

Centerline (Pitch): **7.5 mm [ .295 in ]**

Number of Rows: **1**

**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	Without
Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	2
Number of Rows	1
Wire Entry Angle	90°

**Electrical Characteristics**

Operating Voltage	300 VAC
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**Body Features**



Primary Product Color	Green
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Product Orientation	Vertical
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### Contact Features

Contact Mating Area Plating Material	Tin
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Contact Base Material	Brass
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Contact Current Rating (Max)	17.5 A
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### Termination Features

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

Screw Plating Material	Nickel
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Screw Material	Brass
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Thread Size	M3
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Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	PA 66
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Centerline (Pitch)	7.5 mm[.295 in]
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### Dimensions

Wire Size	.05 – 2 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	100
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Packaging Method	Carton
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Pb (2% in Component Part)

**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



TE Part # 282845-2  
TERM-BLOK,PCB MNT,90DG,2P,7.62



TE Part # 1986900-2  
2P PCB MNT,270 DEG,MOD,PITCH 7.5 MM

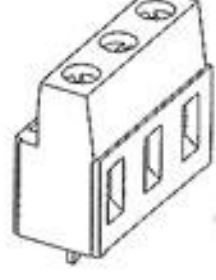


TE Part # 2-284048-2  
2 POS PLUG , PITCH 7.5 MM, W/ SPL MARK

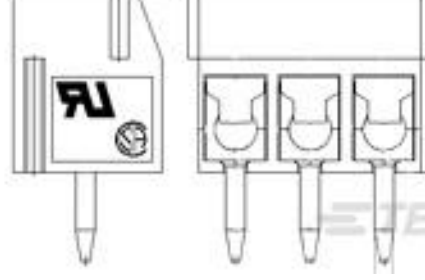
## Customers Also Bought



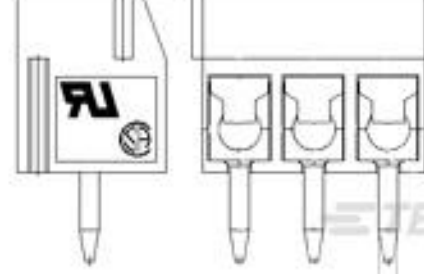
TE Part #1-2178712-0  
10P, MOW, MICRO-MATCH VALUE LINE



TE Part #282844-4  
TERMI-BLOK PCB MOUNT 90 4P.



TE Part #1776275-6  
Vertical Term Blk Side Wire En



TE Part #1776275-8  
Vertical Term Blk Side Wire En



TE Part #87977-3  
10 MODIV HSG DR MRKD .100 POL



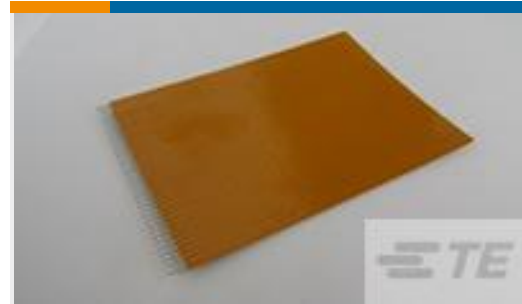
TE Part #2329383-4  
PB OFF/ON FC GRE M1 TERM. IP68



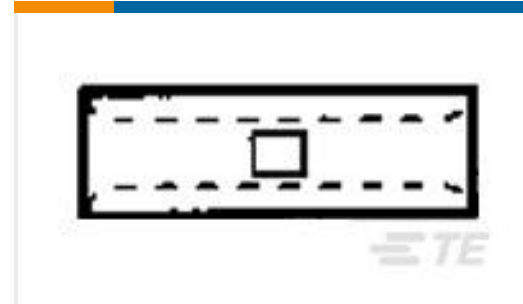
TE Part #2-2329383-2  
PB ON/OFF FC RED M1 TERM IP68



TE Part #61386-1  
RING CRIMP 20-16 AWG TPBR



TE Part #2-1474654-9  
FSN-21A-15



TE Part #322345  
SPLICE,SOLIS BUTT HT 16-14

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282844-2\\_F.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282844-2\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282844-2\\_F.3d\\_stp.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_282844-2\\_F1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_282844-2\\_F1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_282844-2\\_F1.2d\\_dxf.zip](#)

English

#### 3D PDF

English



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### Datasheets & Catalog Pages

[Eurostyle Terminal Blocks Focus Product Stock List](#)

English

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

English

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_QRG](#)

English

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### Product Specifications

[Engineering Report](#)

English

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### Product Environmental Compliance

[MD\\_282844-2\\_031920152329\\_dmtec](#)

English

[MD\\_282844-2\\_031920152329\\_dmtec](#)

English

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### Agency Approvals

[UL](#)

English