

284414-8 ✓ ACTIVE

Buchanan

TE Internal #: 284414-8

PCB Terminal Blocks, Header, Wire-to-Board, 8 Position, .138 in [3.5

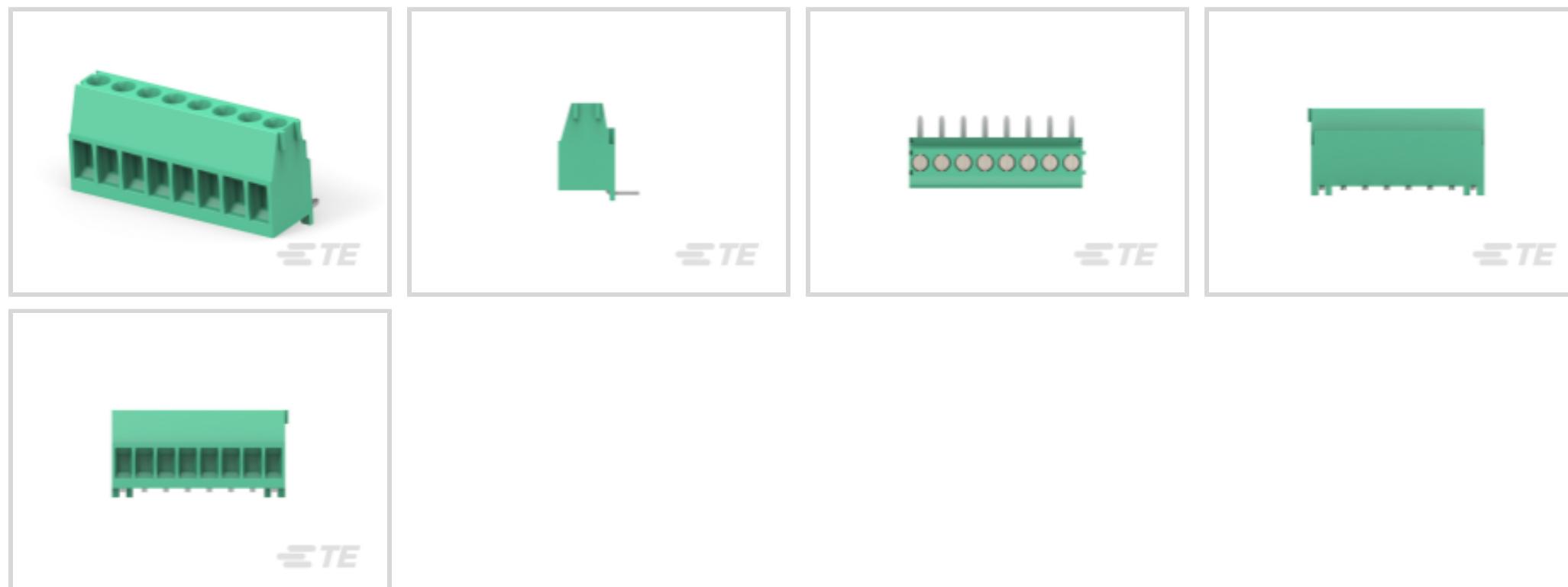
mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 - 12 AWG Wire

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: **8**

Centerline (Pitch): **3.5 mm [.138 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	Top
Stacking Configuration	Side Stackable
Number of Positions	8
Number of Rows	1
Wire Entry Angle	90°

### Electrical Characteristics

Operating Voltage	300 VAC
-------------------	---------

### Body Features

Primary Product Color

Green

Product Orientation

Right Angle

**Contact Features**

Contact Mating Area Plating Material

Tin

Contact Base Material

Brass

Contact Current Rating (Max)

12 A

**Termination Features**

Termination Post &amp; Tail Length

3.5 mm[.138 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

**Mechanical Attachment**

Screw Plating Material

Nickel

Screw Material

Brass

Thread Size

M2

Connector Mounting Type

Board Mount

**Housing Features**

Housing Material

PA 66

Centerline (Pitch)

3.5 mm[.138 in]

**Dimensions**

Wire Size

.05 - 3 mm<sup>2</sup>**Usage Conditions**

Operating Temperature Range

-40 - 110 °C[-40 - 230 °F]

**Operation/Application**

Circuit Application

Power &amp; Signal

**Packaging Features**

Packaging Quantity

100

Packaging Method

Box

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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 2024

(240)

Candidate List Declared Against: JAN 2024

(240)

SVHC &gt; Threshold:

Pb (.78% 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

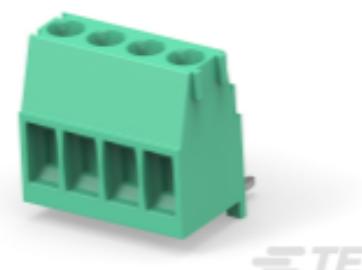
Solder Process Capability

Wave solder capable to 265°C

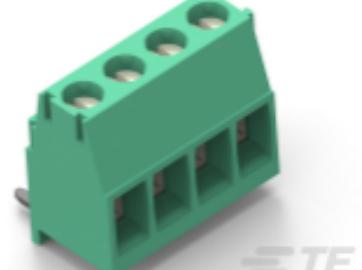
## Product Compliance Disclaimer

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 # 284414-4  
TERMI-BLOK 900 PCB 4 POS 3,5 m



TE Part # 284415-8  
TERMI-BLOK 900 PCB 8 POS. 3,81

## Customers Also Bought



TE Part # 640454-6  
06P MTA100 HDR ASSY SQ STR POL



TE Part # 3-641192-6  
06P MTA100 CONN ASSY BLU LF



TE Part # 1-796407-1  
CPC PSTD RCPT,11-4,R/A LF



TE Part # 52043-7  
TERMINAL R PG 4 1/4

TE Part # 640445-5  
05P MTA156 HDR ASSY FL/STR SNTE Part # 63951-1  
250 FASTON TAB TPBRTE Part # 1546551-3  
3P, STRAIGHT, SIDE ENTRY, 3.5MMTE Part # 1571610-2  
Sealed R/A Tact switch, SealedTE Part # 1SNA215116R1300  
D4/6

## Documents

### Product Drawings

#### TERMI-BLOK 900 PCB 8 POS 3,5 m

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_284414-8\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_284414-8\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_284414-8\\_C.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

### Agency Approvals

UL

English