

Buchanan

TE Internal #: 282834-6

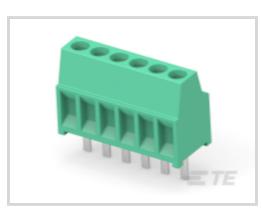
PCB Terminal Blocks, Header, Wire-to-Board, 6 Position, .1 in [2.54 mm] Centerline, 1 Row, Side Wire Entry Angle, 30 – 16 AWG Wire

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: 6

Centerline (Pitch): 2.54 mm [.1 in]

Number of Rows: 1

Features

Product Type Features

Wire Protection	With
Block Type	Stacking
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	

Stacked Levels	Without
Closed End	Without
Stacking Configuration	Side Stackable
Number of Positions	6
Number of Rows	1
Wire Entry Angle	Side

Electrical Characteristics

Current Rating (Max)	10 A
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Interlock Contact Features Contact Mating Area Plating Material Contact Mount Through Hole Contact Base Material Contact Current Rating (Max) Mechanical Attachment Screwless Terminal Block Mounting Angle Screw Size M1.6 Screw Plating Material Screw Plating Material Screw Flange Without Connector Mounting Type Housing Features Housing Color Connector Mounting PA66 Centerline (Pitch) Dimensions PCB Tail Length Wire Size Usage Conditions Operating Temperature Range Power & Signal	Voltage Rating	150 VAC
Contact Mating Area Plating Material Contact Mount Contact Mount Contact Base Material Contact Base Material Contact Current Rating (Max) Mechanical Attachment Screwless Terminal Block Mounting Angle Straight Screw Size M1.6 Screw Plating Material Nickel Screw Plating Material Brass Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) Dimensions PCB Tail Length Wire Size Usage Conditions Operating Temperature Range Packaging Features Packaging Features Packaging Features Packaging Features Packaging Method Box	Body Features	
Contact Mount Contact Mount Contact Mount Contact Base Material Contact Current Rating (Max) Mechanical Attachment Screwless Terminal Block Mounting Angle Screw Size M1.6 Screw Plating Material Nickel Screw Plating Material Screw Material Screw Material Screw Material Screw Material Screw Material Screw Hange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) Dimensions PCB Tail Length Wire Size JOS – 1.3 mm² Usage Conditions Operating Temperature Range 40 – 110 °C[40 – 230 °F] Operation/Application Circuit Application Packaging Features Packaging Method Box	Interlock	Without
Contact Mount Contact Base Material Contact Current Rating (Max) Mechanical Attachment Screwless Terminal Block Mounting Angle Straight Screw Size M1.6 Screw Plating Material Nickel Screw Plating Material Screw Material Brass Screw Flange Without Connactor Mounting Type Roard Mount Housing Features Illousing Color Green Housing Material PA 66 Centerline (Pitch) 2.54 mm[.1 in] Dimensions PCB Tail Length Wire Size Usage Conditions Operating Temperature Range Operation/Application Circuit Application Packaging Features Packaging Features Packaging Method Box	Contact Features	
Contact Base Material Contact Current Rating (Max) Mechanical Attachment Screwless Terminal Block Mounting Angle Straight Screw Size M1.6 Screw Plating Material Nickel Screw Raterial Brass Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) 2.54 mm[.1 in] Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size Usage Conditions Operating Temperature Range -/10 – 110 °C[.40 – 230 °F] Operation/Application Circuit Application Packaging Features Packaging Method Box	Contact Mating Area Plating Material	Tin
Contact Current Rating (Max) Mechanical Attachment Screwless Terminal Block Mounting Angle Straight Screw Size M1.6 Screw Plating Material Nickel Screw Material Brass Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA.66 Centerline (Pitch) Centerline (Pitch) Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size Usage Conditions Operating Temperature Range -40 – 110 °C[.40 – 230 °F] Operation/Application Circuit Application Packaging Features Packaging Method Box	Contact Mount	Through Hole
Mechanical Attachment Screwless Terminal Block Mounting Angle Straight Screw Size M1.6 Screw Plating Material Nickel Screw Material Brass Screw Hange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size Usage Conditions Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Contact Base Material	Brass
Screwless Terminal Block Mounting Angle Straight Screw Size M1.6 Screw Plating Material Screw Material Screw Hange Without Connector Mounting Type Board Mount Housing Features Housing Color Housing Material PA 66 Centerline (Pitch) Dimensions PCB Tail Length Without 3.4 mm[133 in] Wire Size Usage Conditions Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Contact Current Rating (Max)	10 A
Mounting Angle Screw Size M1.6 Screw Plating Material Nickel Screw Material Screw Material Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) Dimensions PCB Tail Length Wire Size Usage Conditions Operating Temperature Range Operation/Application Circuit Application Packaging Features Packaging Method Box M1.6 M1.6 M1.6 M1.6 M1.6 M1.6 M1.6 M1.	Mechanical Attachment	
Screw Size Screw Plating Material Screw Plating Material Screw Material Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) Dimensions PCB Tail Length Wire Size Jo5 – 1.3 mm² Usage Conditions Operating Temperature Range Juan – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Screwless Terminal Block	No
Screw Plating Material Nickel Screw Material Brass Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) 2.54 mm[.1 in] Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Mounting Angle	Straight
Screw Material Brass Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) 2.54 mm[.1 in] Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Screw Size	M1.6
Screw Flange Without Connector Mounting Type Board Mount Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) 2.54 mm[.1 in] Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range .40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Screw Plating Material	Nickel
Connector Mounting Type Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Packaging Features Packaging Method Box	Screw Material	Brass
Housing Features Housing Color Green Housing Material PA 66 Centerline (Pitch) 2.54 mm[.1 in] Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Screw Flange	Without
Housing Color Housing Material Centerline (Pitch) Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size Usage Conditions Operating Temperature Range Circuit Application Circuit Application Packaging Features Packaging Method Green PA 66 2.54 mm[.1 in] 3.4 mm[.133 in]	Connector Mounting Type	Board Mount
Housing Material PA 66 Centerline (Pitch) 2.54 mm[.1 in] Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Housing Features	
Centerline (Pitch) Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size 0.5 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Housing Color	Green
Dimensions PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Housing Material	PA 66
PCB Tail Length 3.4 mm[.133 in] Wire Size .05 – 1.3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Centerline (Pitch)	2.54 mm[.1 in]
Wire Size Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Dimensions	
Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	PCB Tail Length	3.4 mm[.133 in]
Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Packaging Features Packaging Method Box	Wire Size	$.05 - 1.3 \text{ mm}^2$
Operation/Application Circuit Application Power & Signal Packaging Features Packaging Method Box	Usage Conditions	
Circuit Application Power & Signal Packaging Features Packaging Method Box	Operating Temperature Range	-40 - 110 °C[-40 - 230 °F]
Packaging Features Packaging Method Box	Operation/Application	
Packaging Method Box	Circuit Application	Power & Signal
	Packaging Features	
Packaging Quantity 100	Packaging Method	Box
	Packaging Quantity	100

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 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (2% in Component) 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

Documents

Product Drawings

TERMI-BLOK PCB MOUNT, 90 6P.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282834-6_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282834-6_C.3d_igs.zip

English



Customer View Model

ENG_CVM_CVM_282834-6_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_282834-6_04052017049_dmtec

English

MD_282834-6_04052017049_dmtec

English