

PCB terminal block - PT 2,5/ 5-5,0-V PA 1,3,5 - 1701659

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

PCB terminal block, nominal current: 32 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 5, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 90 °, color: green



The figure shows a 10-position version of the product

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ High terminal block capacity thanks to rectangular terminal block space
- ✓ Allows connection of two conductors
- ✓ The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356554831

Technical data

Dimensions

Length [l]	13.5 mm
Pitch	5 mm
Dimension a	20 mm
Height	14 mm
Height [h]	9 mm
Solder pin [P]	4.1 mm
Pin spacing	5 mm
Hole diameter	1.3 mm

General

Range of articles	PT 2,5/..-V
-------------------	-------------

PCB terminal block - PT 2,5/ 5-5,0-V PA 1,3,5 - 1701659

Technical data

General

Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	2.5 mm ²
Maximum load current	32 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3 / B3
Stripping length	6.5 mm
Number of positions	5
Screw thread	M3
Tightening torque, min	0.45 Nm
Tightening torque max	0.5 Nm

Connection data

Conductor cross section AWG min.	20
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

PCB terminal block - PT 2,5/ 5-5,0-V PA 1,3,5 - 1701659

Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
--	---

Approvals

Approvals

Approvals

CCA / IEC EE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC

Ex Approvals

Approval details

CCA	DE1 34001
Nominal voltage UN	250 V
Nominal current IN	32 A
mm²/AWG/kcmil	0.5-4

IECEE CB Scheme			http://www.iecee.org/	DE1-58861
Nominal voltage UN		250 V		
Nominal current IN		32 A		
mm²/AWG/kcmil		0.5-4		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40029839
Nominal voltage UN		250 V	
Nominal current IN		32 A	
mm²/AWG/kcmil		0.5-4	

EAC		B.01742
-----	---	---------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1701659](#)