

PTDA 1,5/ 2-3,5 MIX BK/RD - 1809461

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: 13.5 A, pitch: 3.5 mm, number of positions: 2, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multi-color



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356701860

Technical data

Dimensions

Length [l]	16 mm
Pitch	3.5 mm
Dimension a	3.5 mm
Width [w]	8.4 mm
Height	16 mm
Height [h]	19.5 mm
Solder pin [P]	3.5 mm
Pin spacing	3.5 mm
Hole diameter	1.3 mm

General

Range of articles	PTDA 1,5/
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	200 V
Rated voltage (III/2)	240 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	13.5 A
Nominal cross section	1.5 mm²
Stripping length	10 mm
Number of positions	2

PTDA 1,5/ 2-3,5 MIX BK/RD - 1809461

Technical data

Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 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.	1.5 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.	0.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Approvals

Approvals

Approvals

CCA / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

CCA	DE1 34029
Nominal voltage UN	130 V
Nominal current IN	17.5 A
mm ² /AWG/kcmil	0.2-1.5

PTDA 1,5/ 2-3,5 MIX BK/RD - 1809461

Approvals

IECEE CB Scheme		http://www.iecee.org/	DE1-46805
Nominal voltage UN	130 V		
Nominal current IN	17.5 A		
mm²/AWG/kcmil	0.2-1.5		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40030462
Nominal voltage UN	130 V		
Nominal current IN	17.5 A		
mm²/AWG/kcmil	0.2-1.5		

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

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20030211
	D	B	C
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	10 A	12 A	12 A
mm²/AWG/kcmil	24-16	24-16	24-16

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:](#)

[1809461](#)