

PCB terminal block - PT 1,5/ 2-5,0-H BK - 1989447

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PCB terminal block, nominal current: 17.5 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 2, connection method: Screw connection with wire protector, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black

Why buy this product

- ✓ 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	1 STK
Minimum order quantity	250 STK
GTIN	 4 017918 944285
GTIN	4017918944285
Weight per Piece (excluding packing)	2.000 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	9 mm
Pitch	5 mm
Dimension a	5 mm
Constructional height	11.4 mm
Height [h]	11.3 mm
Solder pin [P]	3.5 mm
Pin dimensions	1,0 mm
Pin spacing	5 mm

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Technical data

Dimensions

Hole diameter	1.3 mm
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General

Range of articles	PT 1,5/...-H
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	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	17.5 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	5 mm
Number of positions	2
Screw thread	M2,6
Tightening torque, min	0.35 Nm
Tightening torque max	0.4 Nm

Connection data

Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 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.	0.75 mm ²

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Technical data

Standards and Regulations

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

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

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Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / CCA / CCA / IECEE CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40031691
mm²/AWG/kcmil	0.2-2.5		
Nominal current I _N	24 A		
Nominal voltage U _N	250 V		

CCA	IK-2681		
mm²/AWG/kcmil	2.5		
Nominal current I _N	16 A		
Nominal voltage U _N	250 V		

CCA	CCA/DE1 34070		
mm²/AWG/kcmil	0.2-2.5		
Nominal current I _N	24 A		
Nominal voltage U _N	250 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58868
mm²/AWG/kcmil	0.2-2.5		
Nominal current I _N	24 A		
Nominal voltage U _N	250 V		

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Approvals

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3558-M1
mm²/AWG/kcmil	2.5		
Nominal current I _N	16 A		
Nominal voltage U _N	250 V		

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20030211
	B	D	
mm²/AWG/kcmil	26-12	26-12	
Nominal current I _N	18 A	10 A	
Nominal voltage U _N	300 V	300 V	