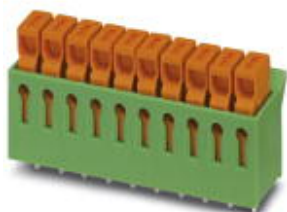


PCB terminal block - IDC 0,3/ 2-3,81 LC RD/BK - 1717479

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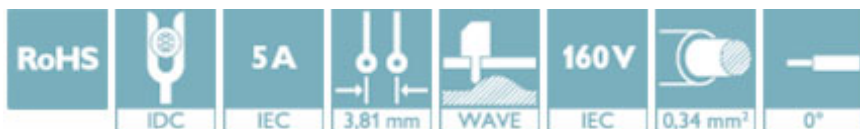


PCB terminal block, nominal current: 5 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 2, connection method: Displacement connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

The figure shows a 10-position version of the product

Your advantages

- ✓ Connection without conductor pretreatment for huge time savings
- ✓ Intuitive use through colour coded actuation lever
- ✓ Satisfies CAT5 requirements in accordance with EN 50173 and ISO/IEC 11801



Key Commercial Data

Packing unit	1
GTIN	 4 046356 141024
GTIN	4046356141024
Custom tariff number	85369010

Technical data

Item properties

Brief article description	PCB terminal block
Range of articles	IDC 0,3
Pitch	3.81 mm
Number of positions	2
Connection method	Displacement connection
Mounting type	Wave soldering
Pin layout	Linear pinning
Number of levels	1

Electrical parameters

Rated current	5 A
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Technical data

Electrical parameters

Rated insulation voltage (III/2)	160 V
Rated surge voltage (III/2)	2.5 kV

Connection capacity

Conductor cross section solid	0.13 mm ² ... 0.34 mm ²
Conductor cross section flexible	0.22 mm ² ... 0.34 mm ²
Conductor cross section AWG / kcmil	26 ... 22

Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	Tin-plated
Metal surface terminal point (top layer)	Tin (5 - 7 µm Sn)
Metal surface terminal point (middle layer)	Nickel (2 - 3 µm Ni)
Metal surface soldering area (top layer)	Tin (5 - 7 µm Sn)
Metal surface soldering area (middle layer)	Nickel (2 - 3 µm Ni)

Material data - housing

Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

Dimensions for the product

Caption	Schematic representation – for additional information, see product range drawing in the Download Center
Length [L]	10 mm
Pitch	3.81 mm
Height (without solder pin)	15 mm
Solder pin [P]	3.5 mm
Pin dimensions	1 x 0.4 mm
Dimension a	3.81 mm

Dimensions for PCB design

Hole diameter	1.3 mm
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Packaging information

Type of packaging	packed in cardboard
Pieces per package	50
Denomination packing units	Pcs.

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Technical data

Electrical tests

Rated current	5 A
Rated insulation voltage (III/2)	160 V
Rated surge voltage (III/2)	2.5 kV

Air clearances and creepage distances

Insulating material group	I
Voltage	160 V
Rated insulation voltage (III/3)	160 V
Rated insulation voltage (III/2)	160 V
Rated insulation voltage (II/2)	320 V
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
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

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Classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	5 A	5 A	
mm²/AWG/kcmil	28-22	28-22	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	D	B	
Nominal voltage UN	300 V	250 V	
Nominal current IN	5 A	5 A	
mm²/AWG/kcmil	28-22	28-22	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	D	B	
Nominal voltage UN	300 V	250 V	
Nominal current IN	5 A	5 A	
mm²/AWG/kcmil	28-22	28-22	

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Approvals

EAC



B.01742

cULus Recognized

