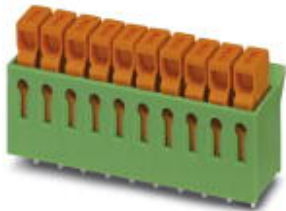


<https://www.phoenixcontact.com/cn/products/1706170>



## PCB terminal block - IDC 0,3/ 2-3,81 - 1706170

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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

### Why buy this product

- 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	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 116675
GTIN	4017918116675
Custom tariff number	8536909000
Sales Key	AAAACA

### Technical data

#### Dimensions

Length	12.4 mm
Pitch	3.81 mm
Dimension a	3.81 mm
Width	8.81 mm
Constructional height	18.8 mm
Height	22.2 mm
Length of the solder pin	3.4 mm
Pin dimensions	1,0 x 0,4
Hole diameter	1.3 mm

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## PCB terminal block - IDC 0,3/ 2-3,81 - 1706170

### Technical data

#### General

Range of articles	IDC 0,3
Insulating material group	I
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)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	5 A
Nominal cross section	0.34 mm <sup>2</sup>
Maximum load current	5 A (with 0.34 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Number of positions	2

#### Connection data

Conductor cross section solid min.	0.13 mm <sup>2</sup>
Conductor cross section solid max.	0.34 mm <sup>2</sup>
Conductor cross section flexible min.	0.22 mm <sup>2</sup>
Conductor cross section flexible max.	0.34 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	22
Wire diameter incl. insulation	1.8 mm

#### Standards and Regulations

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

#### Environmental Product Compliance

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

### Approvals

#### Approvals

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

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# PCB terminal block - IDC 0,3/ 2-3,81 - 1706170


## Approvals


Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
	B	D	
mm <sup>2</sup> /AWG/kcmil	28-22	28-22	
Nominal current IN	5 A	5 A	
Nominal voltage UN	300 V	300 V	

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	D	
mm <sup>2</sup> /AWG/kcmil	28-22	28-22	
Nominal current IN	5 A	5 A	
Nominal voltage UN	250 V	300 V	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
	B	D	
mm <sup>2</sup> /AWG/kcmil	28-22	28-22	
Nominal current IN	5 A	5 A	
Nominal voltage UN	250 V	300 V	

EAC			B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	
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