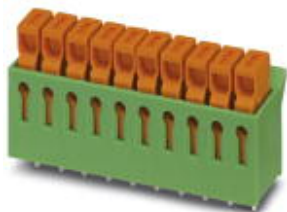


## PCB terminal block - IDC 0,3/ 9-3,81 - 1706248

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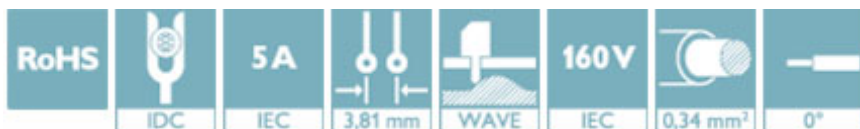


PCB terminal block, nominal current: 5 A, nom. voltage: 160 V, pitch: 3.81 mm, number of positions: 9, connection method: Displacement connection, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green


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
GTIN	 4 017918 116743
GTIN	4017918116743

### Technical data

#### Dimensions

Length [ l ]	12.4 mm
Pitch	3.81 mm
Dimension a	30.48 mm
Width [ w ]	35.48 mm
Constructional height	18.8 mm
Height [ h ]	22.2 mm
Solder pin [P]	3.4 mm
Pin dimensions	1,0 x 0,4
Hole diameter	1.3 mm

#### General

Range of articles	IDC 0,3
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# PCB terminal block - IDC 0,3/ 9-3,81 - 1706248

## Technical data

### General

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 <sub>N</sub>	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
Flammability rating according to UL 94	V0
Number of positions	9

### 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

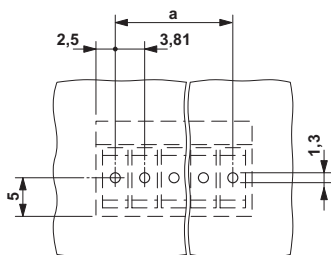
### Environmental Product Compliance

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

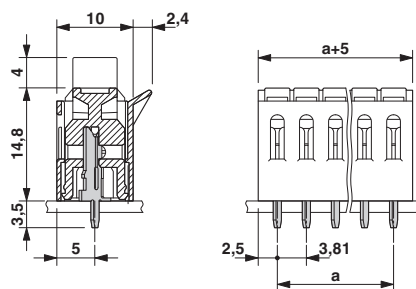
## Drawings

# PCB terminal block - IDC 0,3/ 9-3,81 - 1706248

Drilling diagram



Dimensional drawing



## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

### Approval details

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

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
	D	B	
Nominal voltage UN	300 V	250 V	
Nominal current IN	5 A	5 A	
mm <sup>2</sup> /AWG/kcmil	28-22	28-22	


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
	D	B	
Nominal voltage UN	300 V	250 V	

## PCB terminal block - IDC 0,3/ 9-3,81 - 1706248

### Approvals

	D	B
Nominal current IN	5 A	5 A
mm <sup>2</sup> /AWG/kcmil	28-22	28-22

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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