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## PCB terminal block - PT 1,5/ 2-PH-3,5 - 1984316

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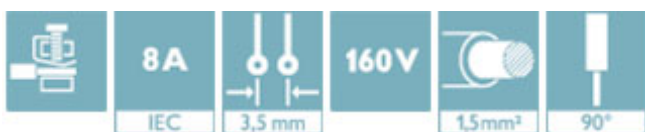
Plug component, Nominal current: 8 A, Rated voltage (III/2): 200 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Screw connection with wire protector, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

### 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 latch on the side enables various numbers of positions to be combined



### Key Commercial Data

Packing unit	250 STK
GTIN	4 017918 935870

### Technical data

#### Dimensions

Length	12.9 mm
Height	11 mm
Pitch	3.50 mm
Dimension a	3.5 mm

#### General

Range of articles	PT 1,5/..-PH
Insulating material group	V0
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV

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## Technical data

### General

Rated voltage (III/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	5 mm
Number of positions	2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.34 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.5 mm <sup>2</sup>
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

### Standards and Regulations

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

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190

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## Classifications

### eCl@ss

eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440309

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

### UNSPSC

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

## Approvals

### Approvals


#### Approvals

UL Recognized / cUL Recognized / EAC / SEV / CCA / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-16	26-16
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

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## Approvals

cUL Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	26-16	26-16
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

EAC
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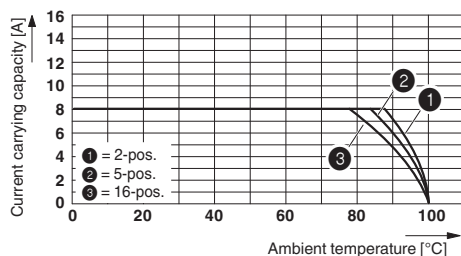
SEV	
mm <sup>2</sup> /AWG/kcmil	1.5
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	160 V

CCA	
mm <sup>2</sup> /AWG/kcmil	1.5
Nominal current I <sub>N</sub>	6 A
Nominal voltage U <sub>N</sub>	160 V

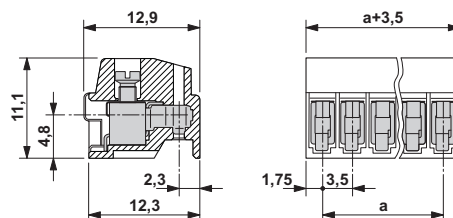
cULus Recognized	
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## Drawings

Diagram



Dimensional drawing



Type: PT 1,5/...PH-3,5  
 Tested in accordance with DIN EN 60512-5-2:2003-01  
 Reduction factor = 1  
 No. of positions: 5

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