

## PCB terminal block - PTSA 1,5/14-3,5-F - 1985085

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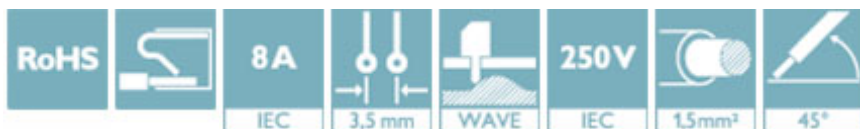


PCB terminal block, nominal current: 8 A, nom. voltage: 250 V, pitch: 3.5 mm, number of positions: 14, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green. Soldering legs in front area, one-rowed

The figure shows a 10-position version of the product

### Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Angled connection enables multi-row arrangement on the PCB



### Key Commercial Data

Packing unit	60 STK
Minimum order quantity	60 STK
GTIN	
GTIN	4017918922160

### Technical data

#### Dimensions

Length [ l ]	12 mm
Pitch	3.5 mm
Dimension a	45.5 mm
Width [ w ]	50.5 mm
Constructional height	13.1 mm
Height [ h ]	16.7 mm
Solder pin [P]	3.6 mm
Pin dimensions	0,4 x 0,75 mm
Pin spacing	3.5 mm
Hole diameter	1 mm

#### General

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## Technical data

### General

Range of articles	PTSA 1,5
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)	200 V
Rated voltage (III/2)	250 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	9 mm
Number of positions	14

### 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 without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 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.	0.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

### Standards and Regulations

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

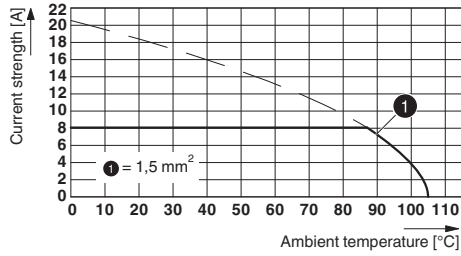
### Environmental Product Compliance

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

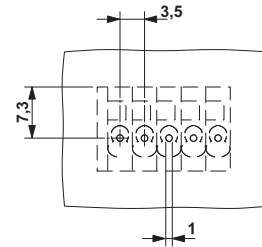
## Drawings

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Diagram



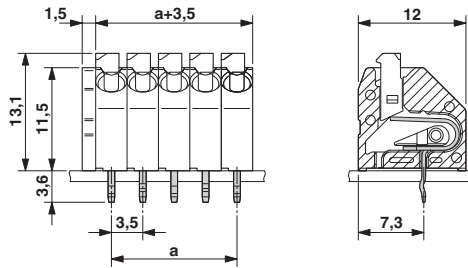
Drilling diagram



Type: PTSA 1,5/...-3,5-F

The figure shows the drilling diagram of the 5-position product version

Dimensional drawing



The figure shows the dimensional drawing of the 5-position product version

## Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / CCA / EAC / cULus Recognized

Ex Approvals

## Approval details


VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40018594
Nominal voltage UN	130 V		
Nominal current IN	2 A		
mm²/AWG/kcmil	0.5-0.75		

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## Approvals

CCA	CCA/DE1 34182/33276
Nominal current IN	2 A
mm <sup>2</sup> /AWG/kcmil	0.75

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>	E60425-20030527
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	5 A	5 A	
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	

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