

## PCB terminal block - PTQ 0,3/ 2-2,5-L THR R32 - 1703375

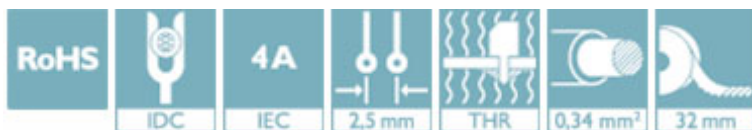
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PCB terminal block, nominal current: 4 A, pitch: 2.5 mm, number of positions: 2, connection method: Displacement connection, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black

### Your advantages

- ✓ Connection without conductor pretreatment for huge time savings
- ✓ Finger-operated QUICKON insulation displacement connection enables repeated conductor connection
- ✓ Designed for integration into the SMT soldering process
- ✓ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- ✓ Anti-rotation pin supports positioning on the PCB



### Key Commercial Data

Packing unit	250 pc
Minimum order quantity	250 pc
GTIN	 4 046356 649087
GTIN	4046356649087

### Technical data

#### Dimensions

Length [ l ]	17.55 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width [ w ]	7 mm
Height	8 mm
Height [ h ]	8 mm
Solder pin [P]	2 mm
Pin spacing	2.5 mm
Hole diameter	1.1 mm

#### General

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## Technical data

### General

Range of articles	PTQ 0,3/..-THR
Insulating material group	IIIa
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)	200 V
Nominal current I <sub>N</sub>	4 A
Nominal cross section	0.34 mm <sup>2</sup>
Maximum load current	4 A
Insulating material	LCP
Flammability rating according to UL 94	V0
Number of positions	2

### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.34 mm <sup>2</sup>
Conductor cross section flexible min.	0.14 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

### Standards and Regulations

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

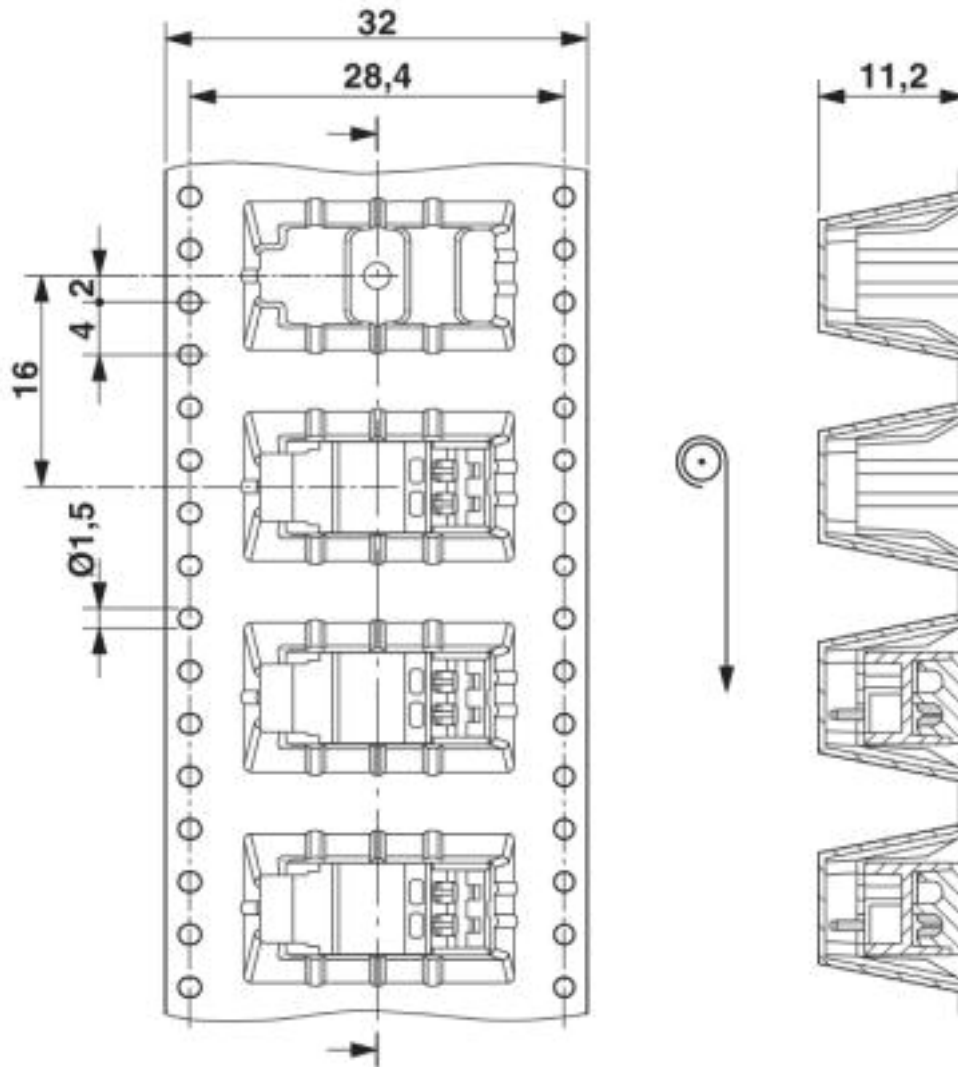
### Environmental Product Compliance

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

## Drawings

# PCB terminal block - PTQ 0,3/ 2-2,5-L THR R32 - 1703375

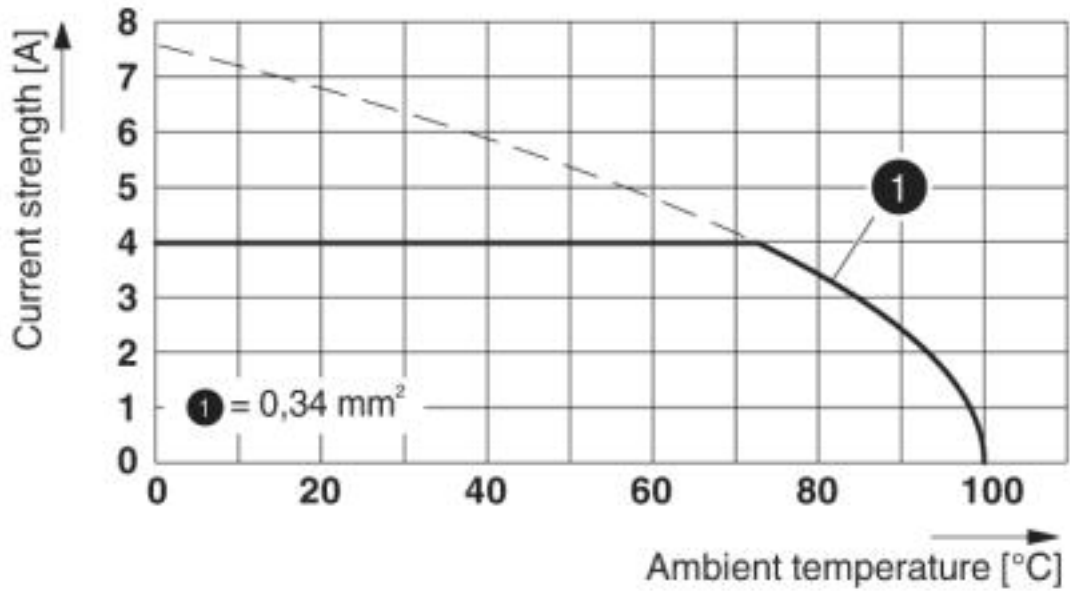
Dimensional drawing





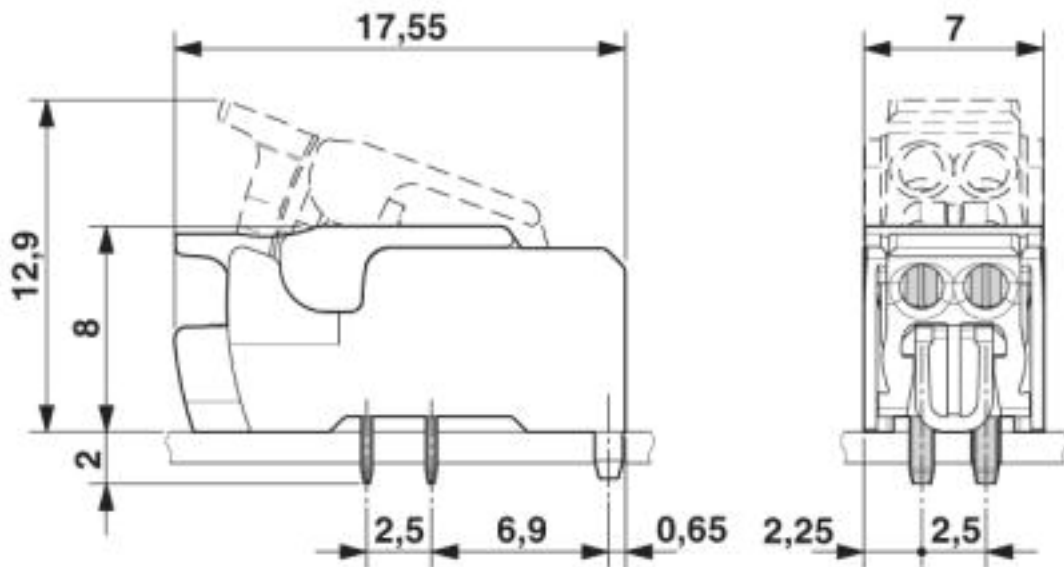
# PCB terminal block - PTQ 0,3/ 2-2,5-L THR R32 - 1703375

Diagram



Type: PTQ 0,3/..-2,5(-L) THR R32

Dimensional drawing



Approvals

Approvals

Approvals

CCA / IECCE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


# PCB terminal block - PTQ 0,3/ 2-2,5-L THR R32 - 1703375


## Approvals

Ex Approvals


### Approval details

CCA	CCA/ DE1 34151
Nominal voltage UN	130 V
Nominal current IN	4 A
mm <sup>2</sup> /AWG/kcmil	0.2

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-55832
Nominal voltage UN	130 V		
Nominal current IN	4 A		
mm <sup>2</sup> /AWG/kcmil	0.2		

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>	40034315
Nominal voltage UN	130 V		
Nominal current IN	4 A		
mm <sup>2</sup> /AWG/kcmil	0.2		

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>	E60425-20110108
	B		
Nominal voltage UN	150 V		
Nominal current IN	2 A		
mm <sup>2</sup> /AWG/kcmil	24		

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