

<https://www.phoenixcontact.com/cn/products/1702610>



PCB terminal block - PTQ 0,3/ 2-2,5 THR R32 - 1702610

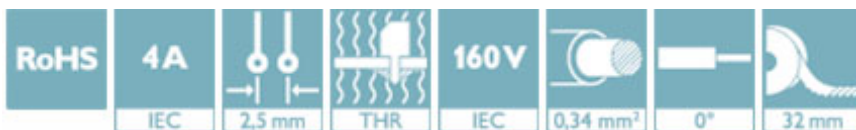
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PCB terminal block, Nominal current: 4 A, Nom. voltage: 160 V, Pitch: 2.5 mm, Number of positions: 2, Connection method: Displacement connection, Mounting: THR soldering, Conductor/PCB connection direction: 0°, Color: black

Why buy this product

- ✓ 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 STK
Minimum order quantity	250 STK
GTIN	 4 046356 599498
GTIN	4046356599498
Sales Key	AACDAA

Technical data

Dimensions

Length	17.55 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Width	7 mm
Constructional height	8 mm
Height	8 mm
Length of the solder pin	2 mm
Pin dimensions	0,9 x 0,4
Pin spacing	2.5 mm

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Technical data

Dimensions

Hole diameter	1.1 mm
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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_N	4 A
Nominal cross section	0.34 mm ²
Maximum load current	4 A
Insulating material	LCP
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Number of positions	2

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.34 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.34 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	22
Wire diameter incl. insulation	1.6 mm (Terminal block is tested with PVC insulation - other insulation materials available on request)

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

Approvals

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VDE Gutachten mit Fertigungsüberwachung / CCA / EAC

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Approvals

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40034315
mm ² /AWG/kcmil	0.2		
Nominal current I _N	4 A		
Nominal voltage U _N	130 V		

CCA	CCA/ DE1 34151		
mm ² /AWG/kcmil	0.2		
Nominal current I _N	4 A		
Nominal voltage U _N	130 V		

EAC		B.01742	
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