

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

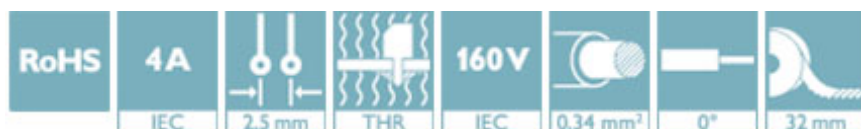
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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	
GTIN	4046356599498
Weight per Piece (excluding packing)	3.000 g
Custom tariff number	85369010
Country of origin	Germany

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

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

Technical data

Dimensions

Pin dimensions	0,9 x 0,4
Pin spacing	2.5 mm
Hole diameter	1.1 mm

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

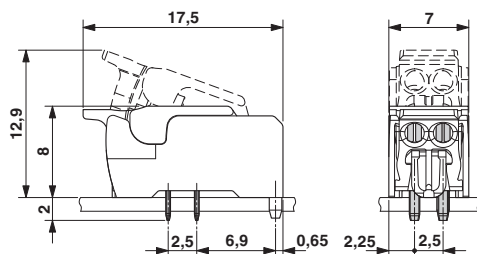
Environmental Product Compliance

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

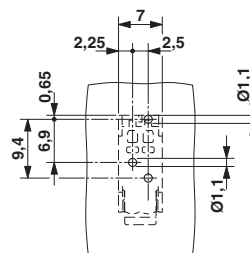
Drawings

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

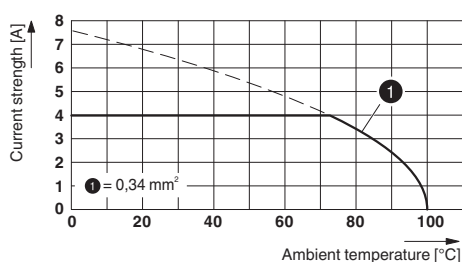
Dimensional drawing



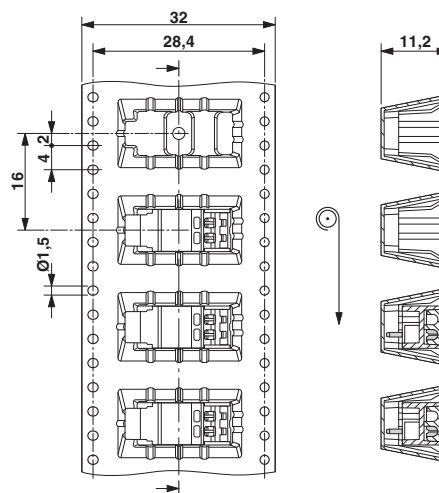
Drilling diagram



Diagram



Dimensional drawing



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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

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

Classifications

UNSPSC

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

Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / CCA / EAC

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40034315
mm²/AWG/kcmil	0.2		
Nominal current I _N	4 A		
Nominal voltage U _N	130 V		

CCA	CCA/ DE1 34151		
mm²/AWG/kcmil	0.2		
Nominal current I _N	4 A		
Nominal voltage U _N	130 V		

EAC		B.01742
-----	---	---------

Accessories

Additional products

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

Accessories

Sample set - SAMPLE PTQ 0,3/ 2-2,5 THR R32 - 1799099



Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>