

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: Insulation displacement connection QUICKON, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: black

Product Features

- ☒ Visual inspection of the conductor position possible
- ☒ Conductor connection without pretreatment
- ☒ 2.5 mm pitch
- ☒ THR solderable
- ☒ Taped as standard
- ☒ Supplied in tape-on-reel packing according to IEC 60286-3 for automated mounting
- ☒ Secure snap-on mechanism

Key commercial data

package_quantity	250
GTIN	4046356599498

Technical data

Dimensions

Length	17.55 mm
Height	8 mm
Width	7 mm
Pitch	2.5 mm
Dimension a	2.5 mm
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

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Technical data

General

Rated voltage (U/I/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
Inflammability class 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 stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.34 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	22
Maximum AWG according to UL/CUL	24
Wire diameter incl. insulation	1.6 mm (Terminal block is tested with PVC insulation - other insulation materials available on request)

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

ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

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

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approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IEC EE CB Scheme / cULus Recognized /

Approval details

UL Recognized 	
Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	2 A
mm²/AWG/kcmil	24

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	130 V
Nominal current IN	4 A
mm²/AWG/kcmil	

cUL Recognized 	
Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	2 A
mm²/AWG/kcmil	24

CCA	
Nominal voltage UN	130 V
Nominal current IN	4 A
mm²/AWG/kcmil	0.2-2.5

IECEE CB Scheme 	
Nominal voltage UN	130 V
Nominal current IN	4 A
mm²/AWG/kcmil	0.2-2.5

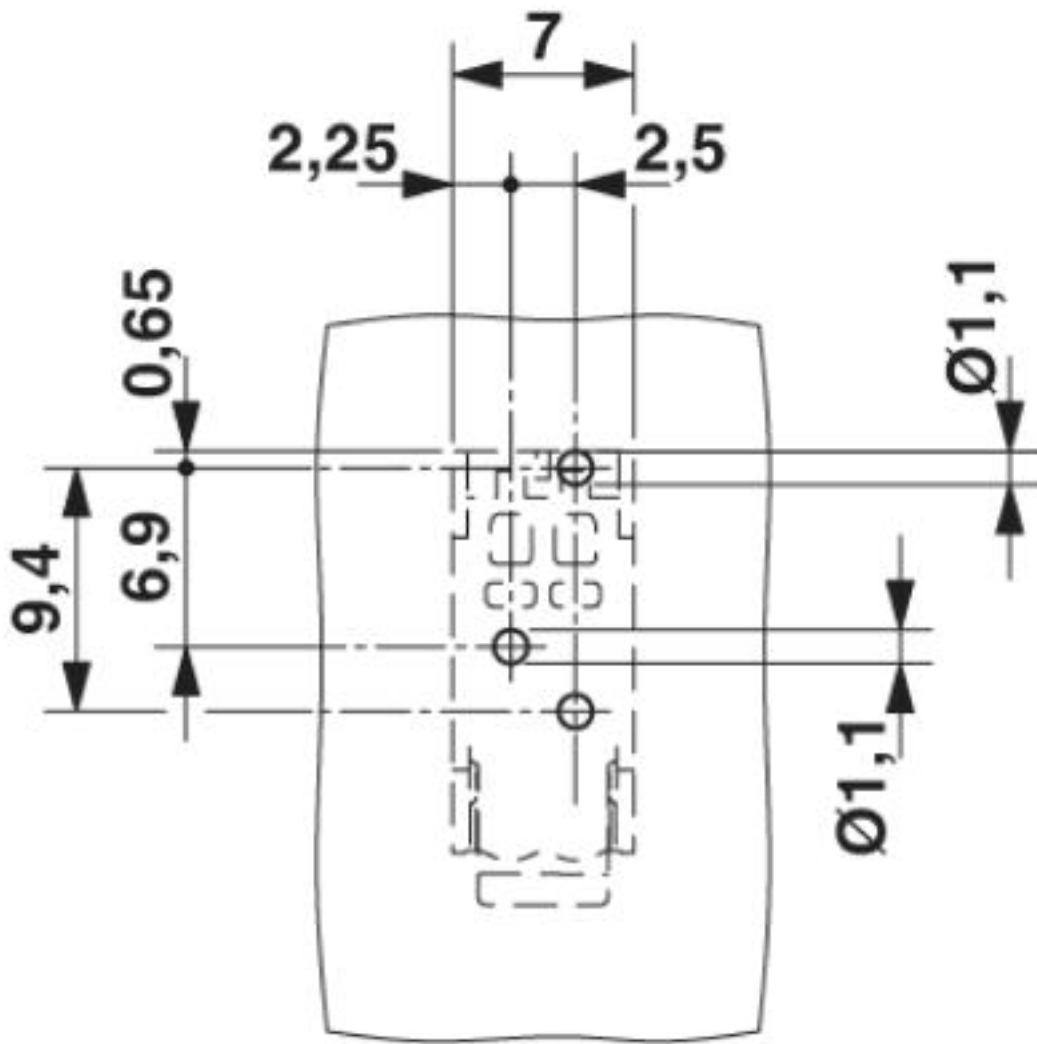
PCB terminal block - PTQ 0,3/ 2-2,5 THR R32 - 1702610

approvals

cULus Recognized  US

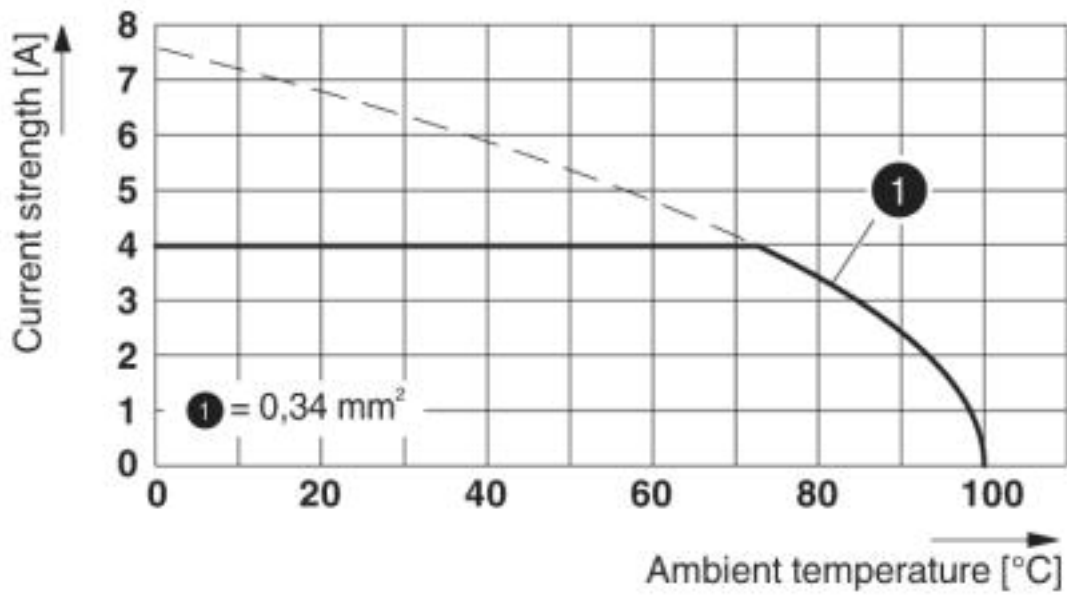
Drawings

Drilling diagram



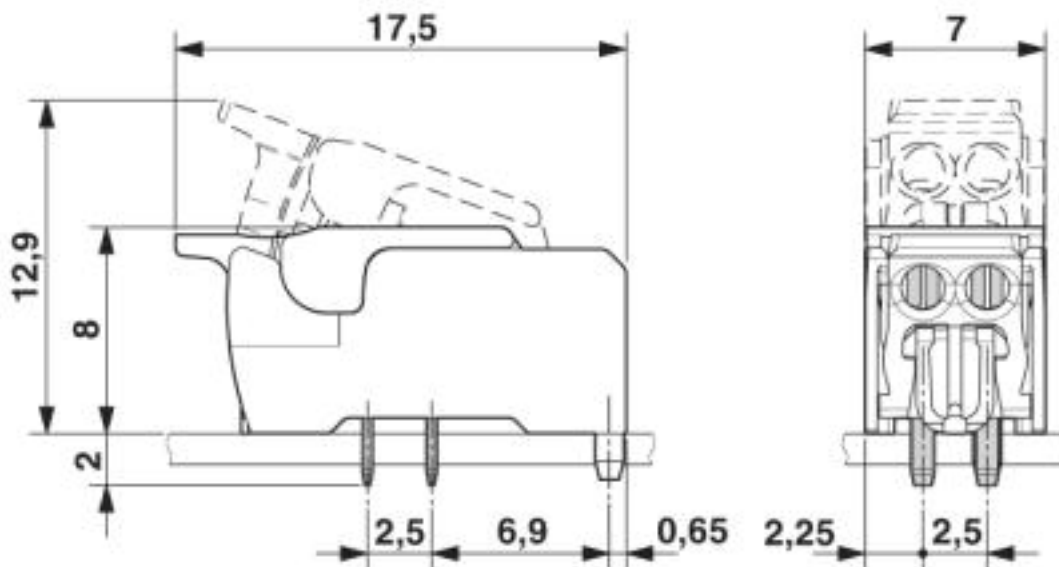
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Diagram



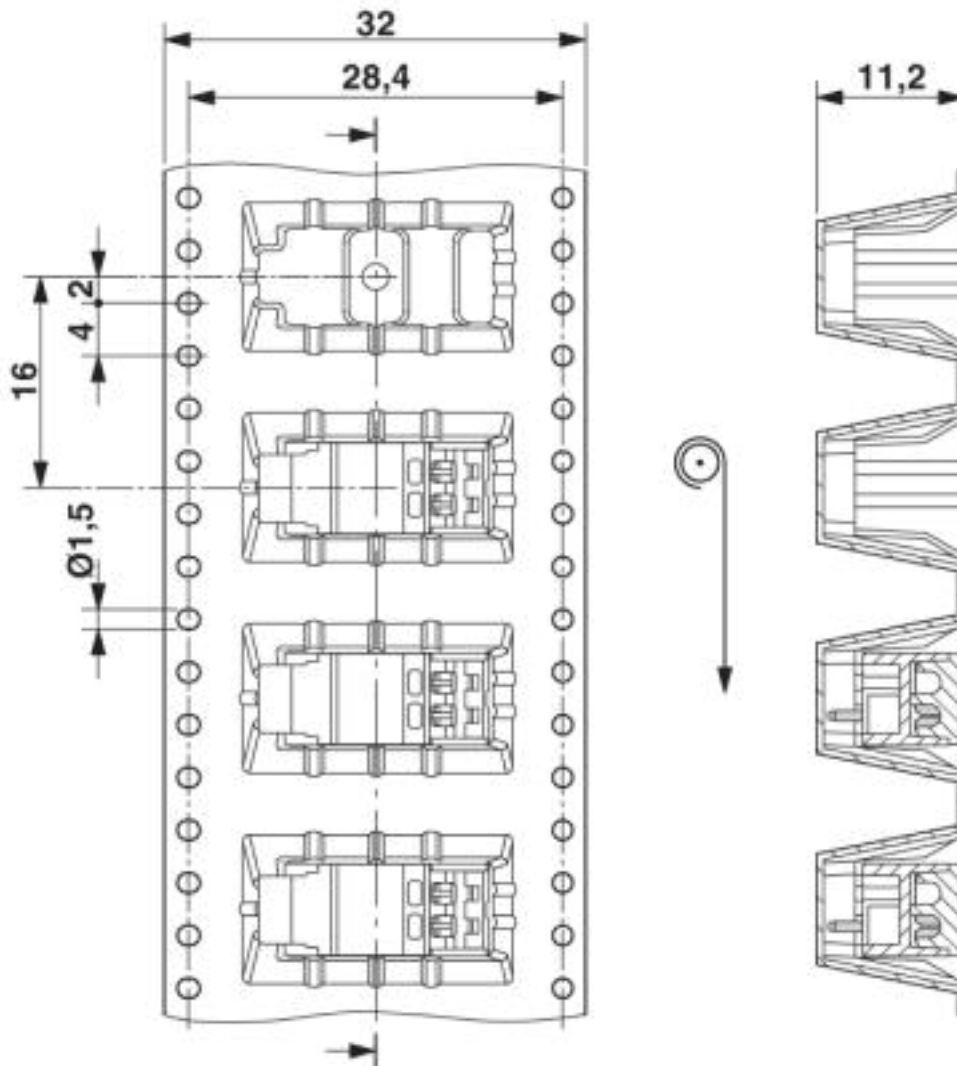
Type: PTQ 0,3/-2,5(-L) THR R32

Dimensioned drawing



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

Dimensioned drawing



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