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

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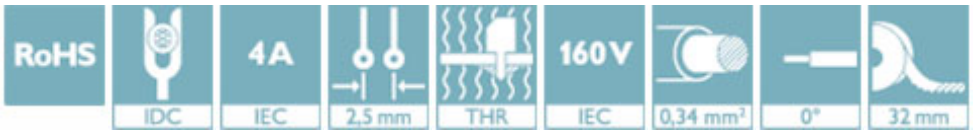
PCB terminal block, nominal current: 4 A, rated voltage (III/2): 160 V, nominal cross section: 0.34 mm², pitch: 2.5 mm, number of positions: 2, connection method: Displacement connection, mounting: THR soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Zigzag pinning W, Solder pin [P]: 2 mm

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
- Satisfies CAT5 requirements in accordance with EN 50173 and ISO/IEC 11801



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

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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_N	4 A
Nominal cross section	0.34 mm²
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 mm²
Conductor cross section solid max.	0.34 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	0.34 mm²
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

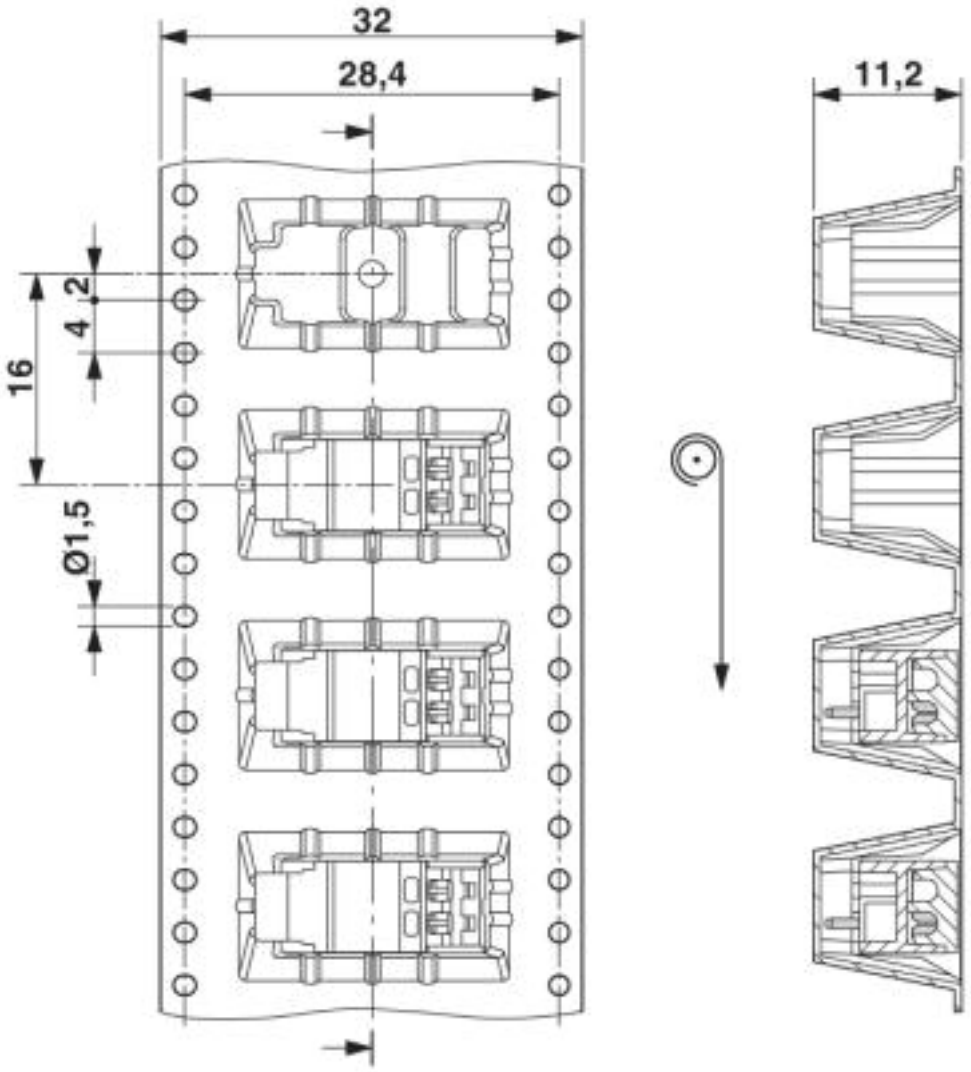
Environmental Product Compliance

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



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Drilling diagram

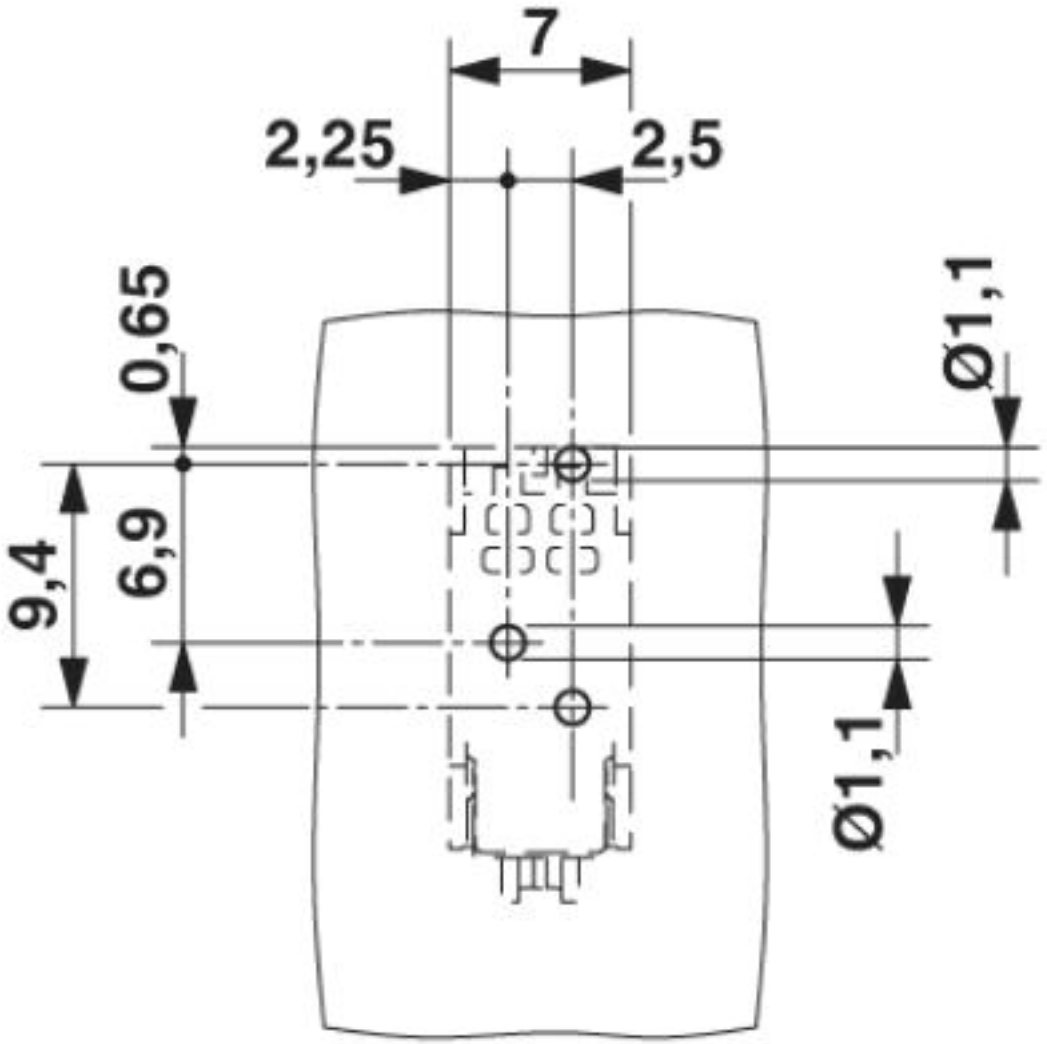

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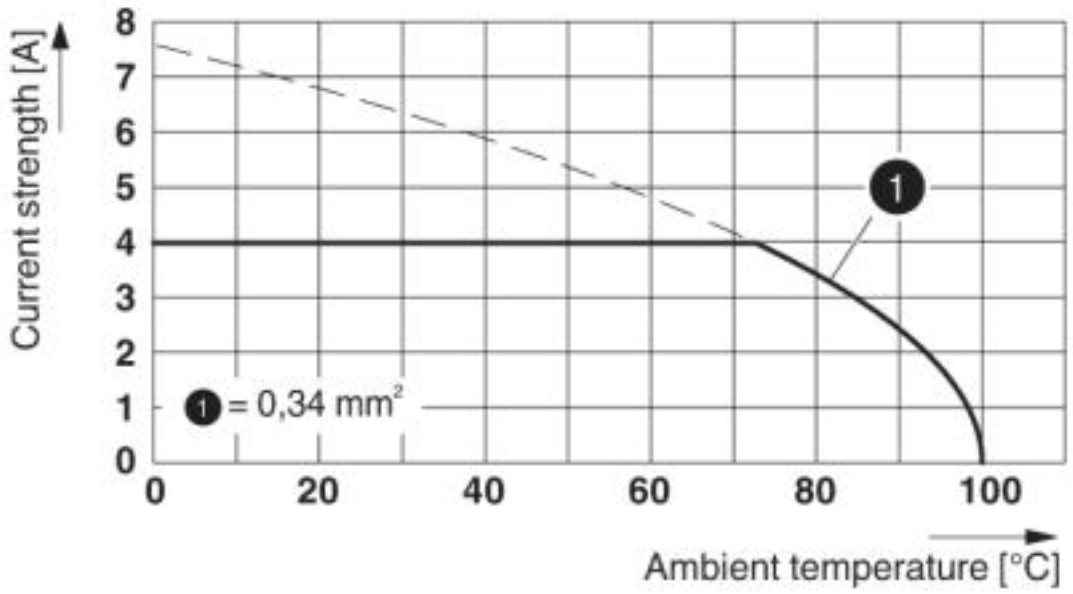
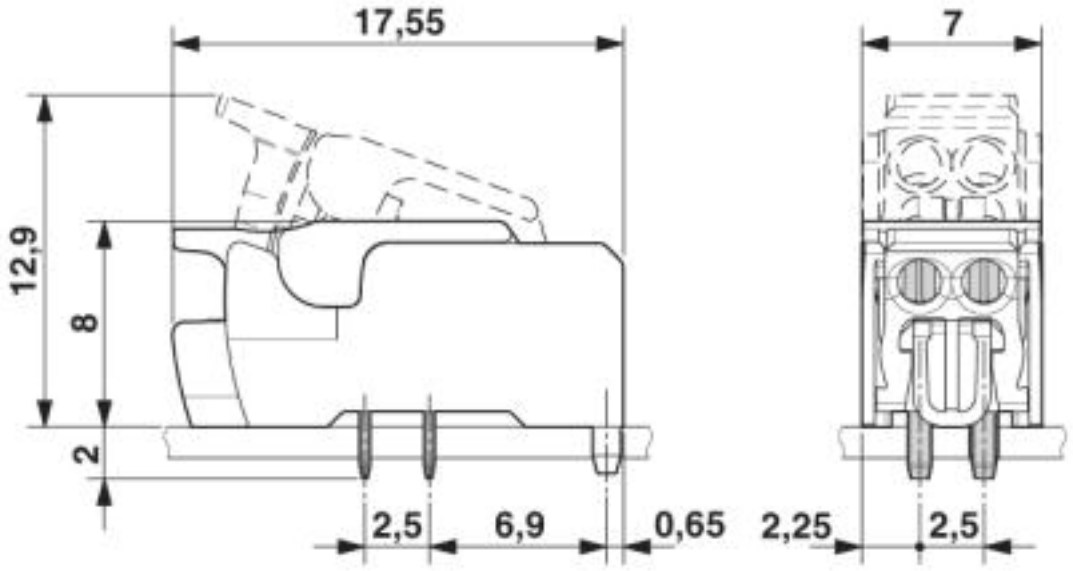
Diagram



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

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440401
eCl@ss 4.0	27260700
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100

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Classifications

eCl@ss

eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002643
ETIM 6.0	EC002643
ETIM 7.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

CCA	CCA/ DE1 34151
Nominal voltage UN	130 V
Nominal current IN	4 A
mm²/AWG/kcmil	0.2

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Approvals

IECEE CB Scheme	CB scheme	http://www.iecee.org/	DE1-55832

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

VDE Gutachten mit Fertigungsüberwachung	VDE	http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40034315

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

EAC	EAC	B.01687

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110108

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

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