

PCB connection terminal block - PTSM 0,5/ 4-2,5-V THR WH R44 - 1814582

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PCB terminal block, Nominal current: 6 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 4, Connection method: Spring-cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection direction: 90 °

Key commercial data

package_quantity	310
GTIN	4046356760331

Technical data

Dimensions

Length	5 mm
Height	10 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Pin dimensions	0,3 x 0,8 mm
Pin spacing	2.5 mm
Hole diameter	1.2 mm

General

Range of articles	PTSM 0,5/...-V-THR
Insulating material group	I
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)	250 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	6 A
Nominal cross section	0.5 mm ²
Maximum load current	6 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0

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Technical data

General

Stripping length	6 mm
Number of positions	4

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	20

classifications

eCl@ss

eCl@ss 4.0	27141109
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 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002637

UNSPSC

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

approvals

GOST / UL Recognized / UL Recognized / cUL Recognized / cULus Recognized /

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approvals

Approval details

GOST

UL Recognized

Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	5 A
mm ² /AWG/kcmil	26-20

Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	5 A
mm ² /AWG/kcmil	26-20

cUL Recognized

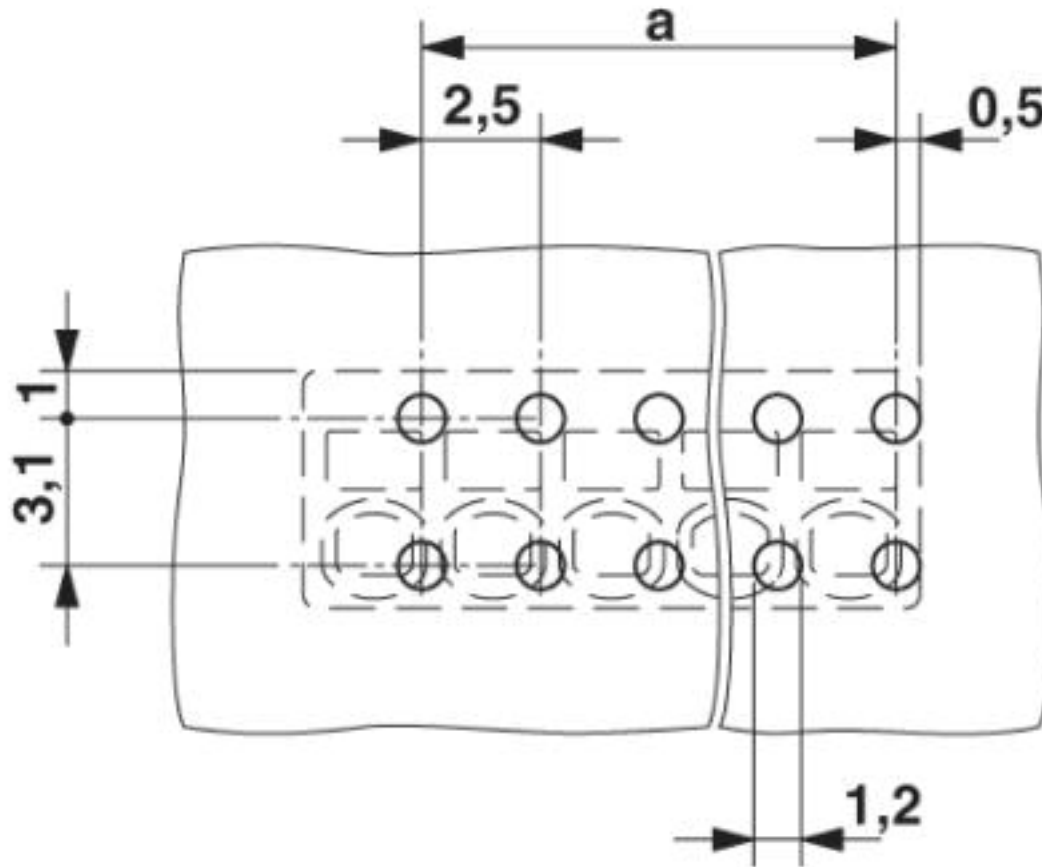
Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	5 A
mm ² /AWG/kcmil	26-20

cULus Recognized

Drawings

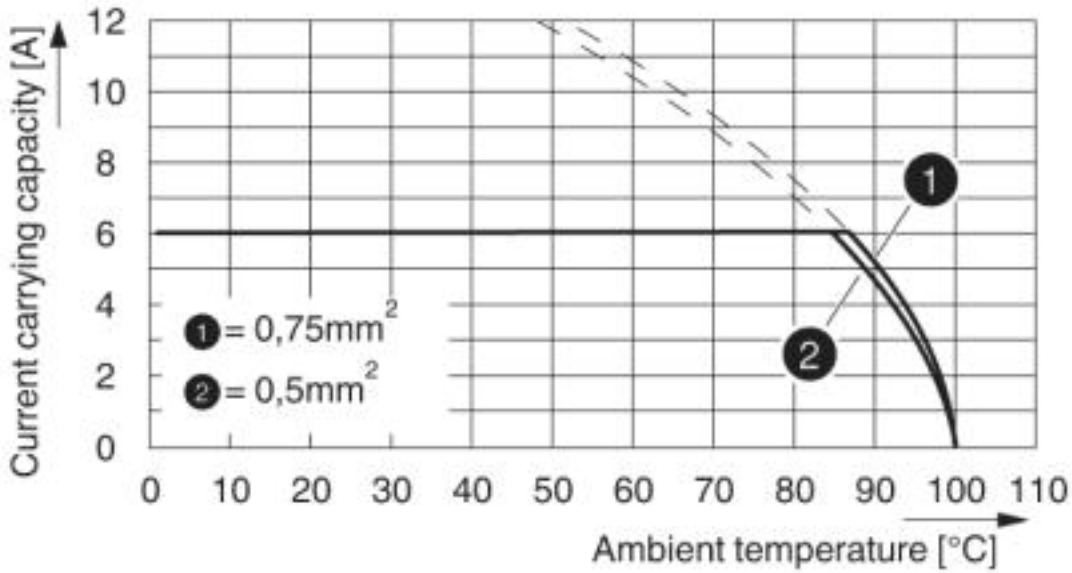
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Drilling diagram



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Diagram



Dimensioned drawing

