

PCB connection terminal block - PTSM 0,5/ 5-2,5-H THR WH R32 - 1814524

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PCB terminal block, Nominal current: 6 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 5, Connection method: Spring-cage connection, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °, Color: White



Key commercial data

Packing unit	1 pc
Minimum order quantity	530 pc
Weight per Piece (excluding packing)	1.87 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	10 mm
Height	5 mm
Pitch	2.5 mm
Dimension a	10 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/...-H-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

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Technical data

General

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
Stripping length	6 mm
Number of positions	5

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

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Classifications

ETIM

ETIM 5.0	EC002637
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UNSPSC

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

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

GOST 
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UL Recognized 	
	B
mm²/AWG/kcmil	26-20
Nominal current I _N	5 A
Nominal voltage U _N	150 V

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Approvals

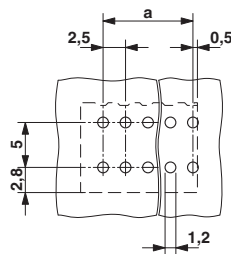
UL Recognized 	
	B
mm²/AWG/kcmil	26-20
Nominal current I _N	5 A
Nominal voltage U _N	150 V

cUL Recognized 	
	B
mm²/AWG/kcmil	26-20
Nominal current I _N	5 A
Nominal voltage U _N	150 V

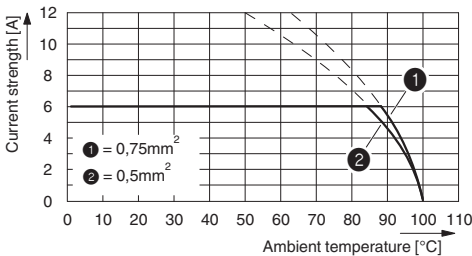
cULus Recognized 	
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Drawings

Drilling diagram



Diagram



Type: PTSM 0,5/...-2,5-H- THR R...
Tested in accordance with DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

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Dimensioned drawing

