

## PTSM 0,5/ 2-2,5-V THR R44

Order No.: 1770953

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1770953>

PC terminal block, Nominal current: 6 A, Nom. voltage: 63 V, Pitch: 2.5 mm, Number of positions: 2, Type of connection: Spring-cage conn., Assembly: SMD/THT/THR, Conductor/PCB connection direction: 90 °, Color: black

### Commercial data

EAN	4046356459532
Pack	310 pcs.
Customs tariff	85369010
Weight/Piece	0.00229 KG
Catalog page information	Page 463 (CC-2009)

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### Technical data

#### Dimensions / positions

Length	5 mm
Pitch	2.5 mm
Dimension a	2.5 mm
Number of positions	2
Pin dimensions	0,3 x 0,8 mm
Pin spacing	2.5 mm
Hole diameter	1.2 mm

#### Technical data

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/2)	200 V
Rated voltage (II/2)	200 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Nominal voltage $U_N$	63 V
Nominal cross section	0.5 mm <sup>2</sup>
Maximum load current	6 A
Insulating material	LCP
Inflammability class acc. to UL 94	V0
Stripping length	6 mm

#### Connection data

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

#### Certificates / Approvals

Certification CUL, UL

#### CUL

Nominal voltage $U_N$	150 V
Nominal current $I_N$	5 A
AWG/kcmil	26-20

**UL**

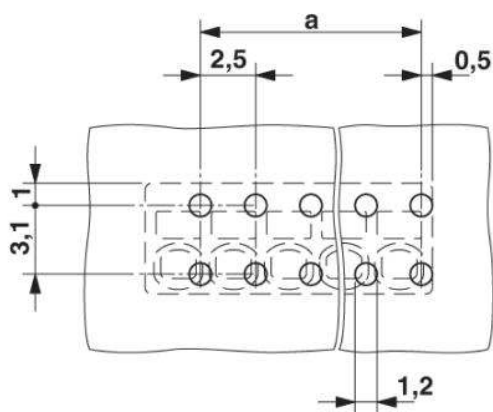
Nominal voltage $U_N$	150 V
Nominal current $I_N$	5 A
AWG/kcmil	26-20

**Accessories**

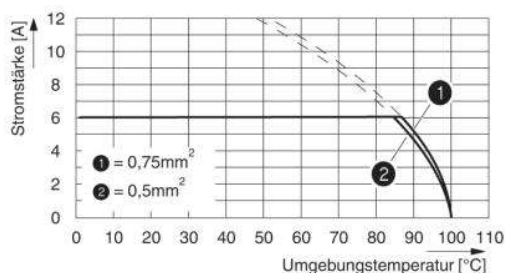
Item	Designation	Description
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm <sup>2</sup> connection cross section, blade width: 2.5 mm, without approvals

**Diagrams/Drawings**

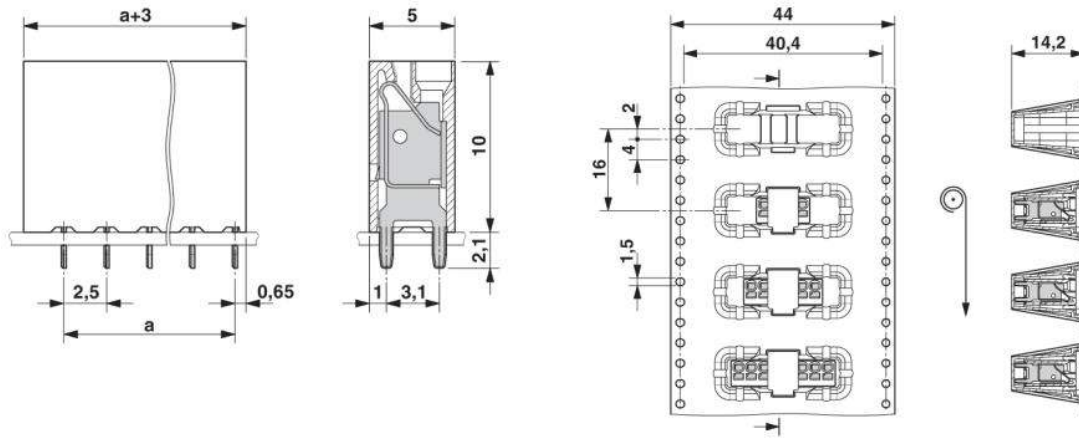
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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