

## PTSM 0,5/ 4-2,5-V SMD R44

Order No.: 1771114

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1771114>

PC terminal block, Nominal current: 6 A, Nom. voltage: 32 V, Pitch: 2.5 mm, Number of positions: 4, Type of connection: Spring-cage conn., Assembly: SMD/THT/THR, Conductor/PCB connection direction: 90 °, Color: black

### Commercial data

EAN	4046356460149
Pack	400 pcs.
Customs tariff	85369010
Weight/Piece	0.002405 KG
Catalog page information	Page 465 (CC-2009)

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### Technical data

#### Dimensions / positions

Length	5 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Number of positions	4
Pin spacing	2.5 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)	160 V
Rated voltage (II/2)	160 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	6 A
Nominal voltage $U_N$	32 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

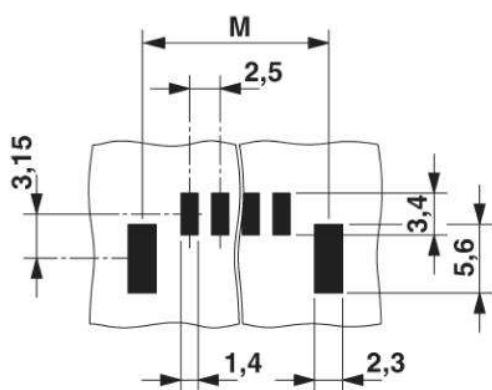
**Accessories**

Item	Designation	Description
<b>Tools</b>		
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

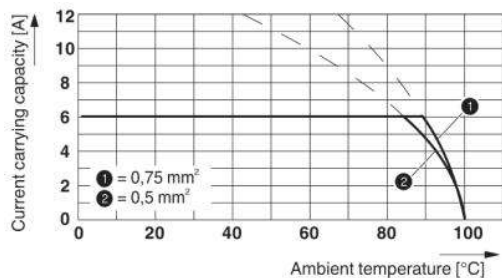
**Diagrams/Drawings**

Drilling plan/solder pad geometry

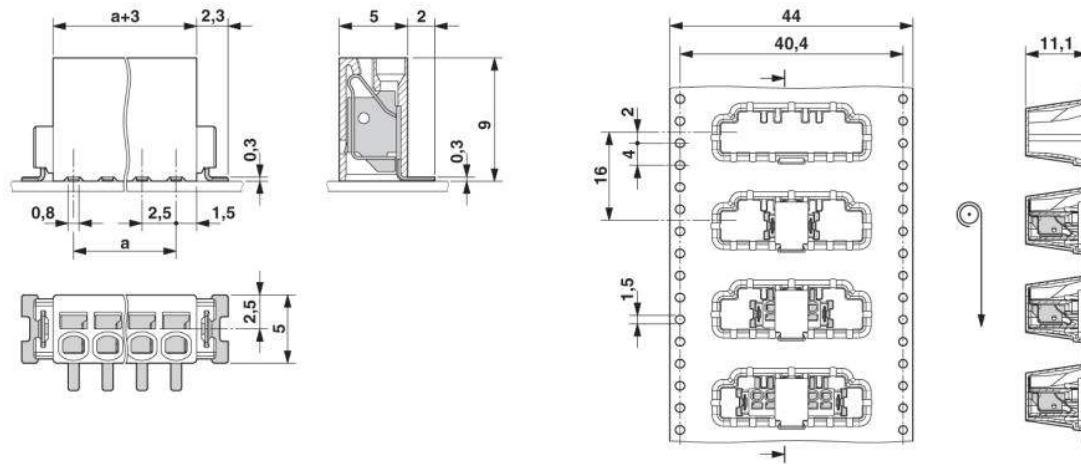
Dimension M: 13.4 mm



Diagram



Dimensioned drawing



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