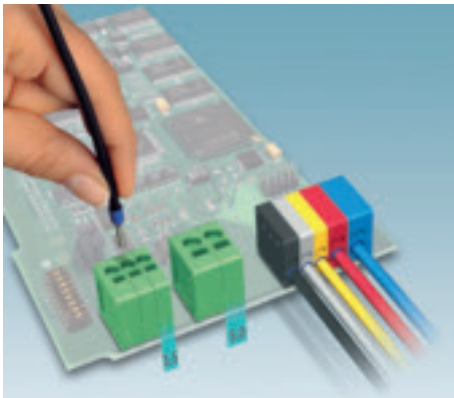


Horizontal or vertical conductor connection of up to 2.5 mm²



- PCB terminal blocks with a front spring-cage connection
- Double solder pin for high stability on the PCB
- Generously dimensioned connection cross-section up to 2.5 mm²
- Push-in direct plug-in method for solid or stranded conductors with ferrules
- When connecting stranded conductors without ferrules, the terminal point is opened using standard screwdrivers
- Horizontal and vertical types
- Larger numbers of positions on request
- Can be combined with the 3.5 mm pitch

Note:

In order to avoid tolerances between the terminal blocks and the PCB, the terminal row should be interrupted when the number of positions exceeds 30.

1) Please observe the current carrying capacity curve. Further current carrying capacity curves on request.

Accessories

For all types	Type	Page
	Screwdriver SZF 1-0,6 x 3,5 Order No. 1204517	
	Marker card SK 5/3,8	488
	Pitch spacer, width: 2.5 mm RZ-SPT 2,5-2,5 Order No. 1772595	
	Pitch spacer, width: 5 mm RZ-SPT 2,5-5,0 Order No. 1772605	
	Crimping pliers for 0.25 to 6 mm ² CRIMPFOX 6 Order No. 1212034	

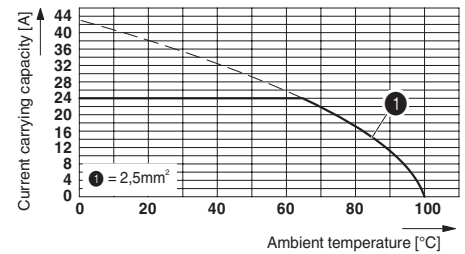
Current carrying capacity curve

Type: SPT 2,5/5-H-5,0

Test following DIN EN 60512-5-2:2003-01

Reduction factor = 1

No. of positions = 5



Technical data

Technical data in accordance with IEC / DIN VDE	
Rated current / conductor cross-section	[A] / [mm ²]
Rated insulation voltage with pollution degree 2	[V]
Pitch	[mm]
Connection capacity	
Solid / stranded	[mm ²] / [mm ²] / AWG
Stranded with ferrules with plastic sleeve	[mm ²]
Multi-conductor connection capacity (2 cond. with the same cross section)	
Solid / stranded	[mm ²]
Solid & multi-strand / stranded	[mm ²]
Stranded with TWIN ferrules with plastic sleeve	[mm ²]
Insulation coordination	
Surge voltage category / pollution degree	
Rated insulation voltage	[V]
Rated surge voltage	[kV]
Approval data (UL/CUL)	Use Group
Nominal voltage	[V]
Nominal current	[A]
Connection capacity AWG	AWG
Approval data (CSA)	Use Group
Nominal voltage	[V]
Nominal current	[A]
Connection capacity AWG	AWG
General data	
Stripping length	[mm]
Type of insulation material / group of insulation material	
Inflammability class acc. to UL 94	
Bore hole diameter/ pin dimensions	[mm]

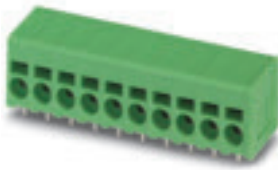
SPT 2,5/...-H-5,0

24 ¹⁾ / 2.5	400	5	0.2 - 4 / 0.2 - 2.5 / 24 - 12	0.25 - 1.5	- / -	- / -	-	III / 3	III / 2	II / 2	250	400	630	4	4	4	B	C	D	150	-	300	20	-	10	24 - 12	24 - 12	24 - 12	B	C	D	-	-	-	-	-	-	10	PA / I	V0	1.1 / 0.8 x 0.8 mm
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SPT 2,5/...-V-5,0

24 ¹⁾ / 2.5	400	5	0.2 - 4 / 0.2 - 2.5 / 24 - 12	0.25 - 1.5	- / -	- / -	-	III / 3	III / 2	II / 2	250	400	630	4	4	4	B	C	D	150	-	300	20	-	10	24 - 12	24 - 12	24 - 12	B	C	D	-	-	-	-	-	-	10	PA / I	V0	1.1 / 0.8 x 0.8 mm
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No. of pos.	Dim. a [mm]
2	5.00
3	10.00
4	15.00
5	20.00
6	25.00
7	30.00
8	35.00
9	40.00
10	45.00
11	50.00
12	55.00



SPT 2,5/...-H-5,0

Spring-cage PCB terminal block,
connection direction parallel to the PCB

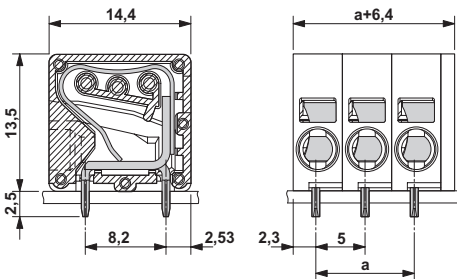


SPT 2,5/...-V-5,0

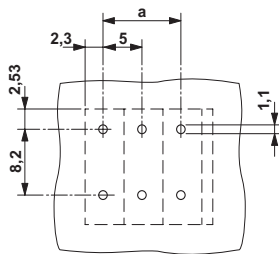
Spring-cage PCB terminal block,
connection direction vertical to the PCB



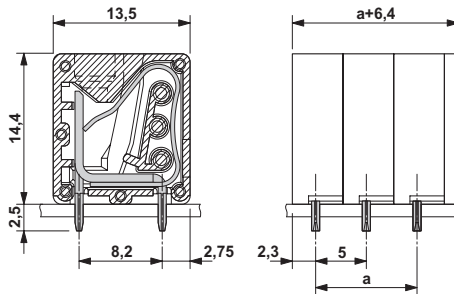
Dimensional drawing



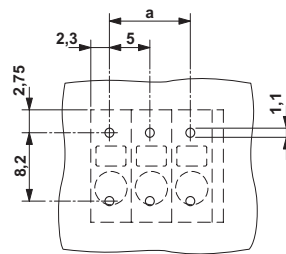
Drilling diagram



Dimensional drawing



Drilling diagram



Ordering data

Type	Order No.	Pcs. / Pkt.
5.0 mm pitch, color: green		
SPT 2,5/ 2-H-5,0	1990973	100
SPT 2,5/ 3-H-5,0	1990986	100
SPT 2,5/ 4-H-5,0	1990999	100
SPT 2,5/ 5-H-5,0	1991008	100
SPT 2,5/ 6-H-5,0	1991011	100
SPT 2,5/ 7-H-5,0	1991024	50
SPT 2,5/ 8-H-5,0	1991037	50
SPT 2,5/ 9-H-5,0	1991040	50
SPT 2,5/10-H-5,0	1991053	50
SPT 2,5/11-H-5,0	1991066	50
SPT 2,5/12-H-5,0	1991079	50

Ordering data

Type	Order No.	Pcs. / Pkt.
5.0 mm pitch, color: green		
SPT 2,5/ 2-V-5,0	1991095	100
SPT 2,5/ 3-V-5,0	1991105	100
SPT 2,5/ 4-V-5,0	1991118	100
SPT 2,5/ 5-V-5,0	1991121	100
SPT 2,5/ 6-V-5,0	1991134	100
SPT 2,5/ 7-V-5,0	1991147	50
SPT 2,5/ 8-V-5,0	1991150	50
SPT 2,5/ 9-V-5,0	1991163	50
SPT 2,5/10-V-5,0	1991176	50
SPT 2,5/11-V-5,0	1991189	50
SPT 2,5/12-V-5,0	1991192	50