

PCB terminal block - SPT 16/ 1-V-10,0 OG - 1708472

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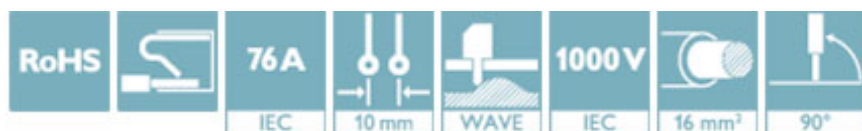


PCB terminal block, nominal current: 76 A, nom. voltage: 1000 V, pitch: 10 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, color: orange

The figure shows the standard item

Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4055626022802

Technical data

Dimensions

Length [l]	29 mm
Pitch	10 mm
Width [w]	11.8 mm
Height	31.3 mm
Height [h]	35.4 mm
Solder pin [P]	4.1 mm
Pin spacing	15 mm
Hole diameter	1.7 mm

General

Range of articles	SPT 16/..-V
Rated surge voltage (III/3)	8 kV

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Technical data

General

Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A
Nominal cross section	16 mm ²
Stripping length	18 mm
Number of positions	1

Connection data

Conductor cross section AWG min.	20
Conductor cross section AWG max.	4
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²

Standards and Regulations

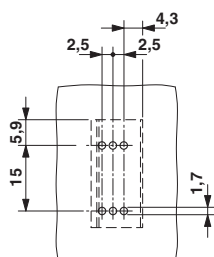
Connection in acc. with standard	EN-VDE
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Environmental Product Compliance

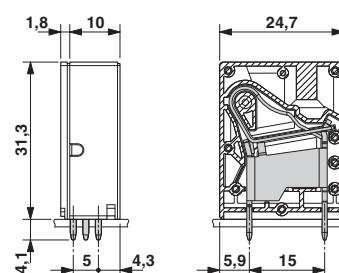
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

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Approvals

Approvals

IECEE CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	CH-8077
Nominal voltage UN		1000 V	
Nominal current IN		76 A	

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-3431
Nominal voltage UN		1000 V	
Nominal current IN		76 A	
mm²/AWG/kcmil		16	

EAC		B.01742	
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		E60425-20061129
		B	C	
Nominal voltage UN		600 V	600 V	
Nominal current IN		66 A	66 A	
mm²/AWG/kcmil		20-4	20-4	

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