

PCB terminal block - SPTA 16/ 6-10,0-ZB - 1819244

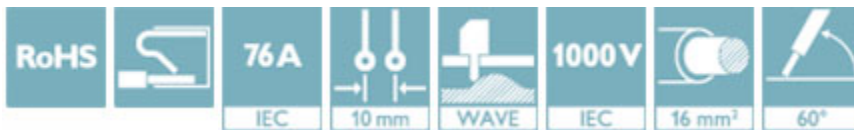
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PCB terminal block, nominal current: 76 A, pitch: 10 mm, number of positions: 6, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 60 °, color: green

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
- ✓ Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
- ✓ Angled connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 789172
GTIN	4046356789172
Weight per Piece (excluding packing)	68.000 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	32.7 mm
Pitch	10 mm
Dimension a	50 mm
Width [w]	60 mm

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Technical data

Dimensions

Height	38.1 mm
Height [h]	42.2 mm
Solder pin [P]	4.1 mm
Pin spacing	15 mm
Hole diameter	1.7 mm

General

Range of articles	SPTA 16/
Insulating material group	I
Rated surge voltage (III/3)	8 kV
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
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	18 mm
Number of positions	6

Connection data

Conductor cross section solid min.	0.75 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section flexible min.	0.75 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm ²
Conductor cross section AWG min.	18
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

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Technical data

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Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Classifications

eCl@ss

eCl@ss 4.1	27141100
eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002643
ETIM 6.0	EC002643
ETIM 7.0	EC002643

UNSPSC

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

Approvals

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IECEE CB Scheme / VDE Zeichengenehmigung / EAC / cULus Recognized


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Approvals


Ex Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	CB DE1-61015
Nominal voltage UN	1000 V		
Nominal current IN	76 A		
mm ² /AWG/kcmil	0.75-16		

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40041641
Nominal voltage UN	1000 V		
Nominal current IN	76 A		
mm ² /AWG/kcmil	0.75-16		

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	51 A	51 A	
mm ² /AWG/kcmil	18-4	18-4	

Accessories

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Bridge

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Accessories

Plug-in bridge - FBSK 2-10/ZFKDS 10 - 1986644



Fixed bridge, fully insulated, pitch: 10 mm, no. of positions: 2

Plug-in bridge - FBSK 3-10/ZFKDS 10 - 1986657



Fixed bridge, fully insulated, pitch: 10 mm, no. of positions: 3

Plug-in bridge - FBSK 4-10/ZFKDS 10 - 1986660



Fixed bridge, fully insulated, pitch: 10 mm, no. of positions: 4

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 16 S - 1207983



Crimping pliers for ferrules up to 16 mm²

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Accessories

Screwdriver tools

Screwdriver - SZF 2-0,8X4,0 - 1204520



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip