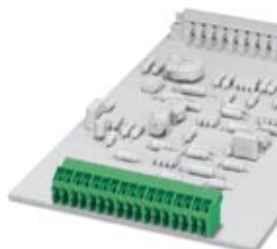


## PCB terminal block - SMKDS 1,5/ 3-3,5 - 1931783

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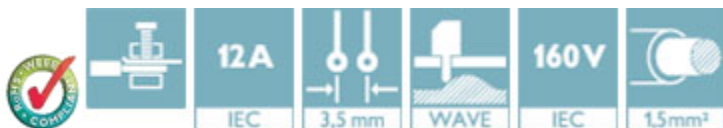


PCB terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 35 °, Color: green

The illustration shows the versions SMKDS 1,5/2 and SMKDS 1,5/3 when plugged in

### Product Features

- Conductor and screwdriver axis at an angle of 55° to the usual direction
- Arrangement of several rows of terminal blocks one behind the other – multi-level effect with the same design height



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 899523
Weight per Piece (excluding packing)	2.36 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Dimensions

Length	13.7 mm
Pitch	3.50 mm
Dimension a	7 mm
Constructional height	12 mm
Height	12 mm
Length of the solder pin	3.5 mm

## PCB terminal block - SMKDS 1,5/ 3-3,5 - 1931783

### Technical data

#### Dimensions

Pin dimensions	0,6 x 1 mm
Pin spacing	3.5 mm
Hole diameter	1.3 mm

#### General

Range of articles	SMKDS 1,5
Insulating material group	I
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/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal cross section	1.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	3
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

#### Connection data

Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16

## PCB terminal block - SMKDS 1,5/ 3-3,5 - 1931783

### Technical data

#### Connection data

2 conductors with same cross section, solid min.	0.08 mm <sup>2</sup>
2 conductors with same cross section, solid max.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.08 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.75 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm <sup>2</sup>

#### Standards and Regulations

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

### Classifications

#### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

#### UNSPSC

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

## PCB terminal block - SMKDS 1,5/ 3-3,5 - 1931783

### Approvals

#### Approvals

#### Approvals

SEV / CCA / IECEx CB Scheme / SEV / EAC / EAC / cULus Recognized / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

SEV	
mm <sup>2</sup> /AWG/kcmil	1.5
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	125 V

CCA
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IECEx CB Scheme 
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SEV	
mm <sup>2</sup> /AWG/kcmil	1.5
Nominal voltage U <sub>N</sub>	125 V

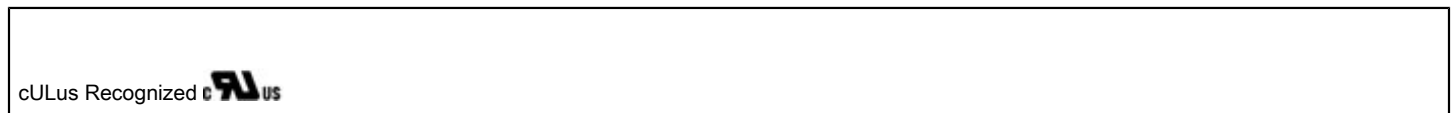
EAC
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EAC
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## PCB terminal block - SMKDS 1,5/ 3-3,5 - 1931783

### Approvals

cULus Recognized		
	B	D
mm <sup>2</sup> /AWG/kcmil	30-14	30-14
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	250 V	300 V



### Accessories

#### Accessories

##### Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

#### Screwdriver tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037

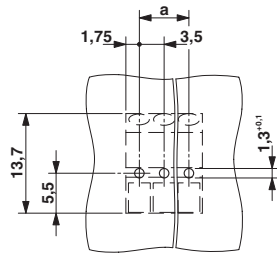


Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

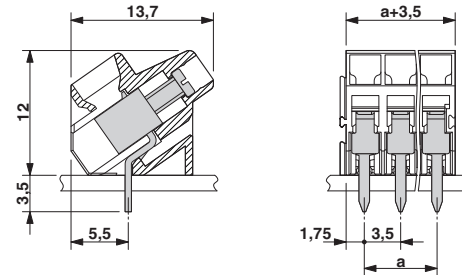
### Drawings

## PCB terminal block - SMKDS 1,5/ 3-3,5 - 1931783

Drilling diagram



Dimensional drawing



The illustration shows the drilling diagram of the 3-position product version

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