PCB terminal block - SMKDSP 1,5/ 7 - 1733460

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

The figure shows a 10-position version of the product

PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 7, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 35 °, Color: green, The article can be aligned to create different nos. of positions!

Why buy this product

- Conductor and screwdriver axis at an angle of 35° to the usual direction
- Arrangement of several rows of terminal blocks one behind the other – multi-level effect with the same design height
- With 2.3 mm Ø test connection
- Single-row PCB terminal blocks for conductor cross sections up to 1.5 mm²

Key Commercial Data

Packing unit	50 pc
GTIN	4 017918 026608
Weight per Piece (excluding packing)	10.02 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	13.4 mm
Pitch	5.00 mm
Dimension a	30 mm
Constructional height	16 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	SMKDSP 1,5
Insulating material group	I

PCB terminal block - SMKDSP 1,5/ 7 - 1733460

Technical data

General

Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm²
Maximum load current	22 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	7
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	0.75 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²

PCB terminal block - SMKDSP 1,5/ 7 - 1733460

Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²

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

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

Approvals

Approvals

Approvals

CSA / UL Recognized / SEV / cUL Recognized / CCA / IECEE CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

PCB terminal block - SMKDSP 1,5/ 7 - 1733460

Approvals

CSA

	B	D
mm²/AWG/kcmil	28-14	28-14
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized

	B	D
mm²/AWG/kcmil	30-14	30-14
Nominal current IN	15 A	10 A
Nominal voltage UN	250 V	300 V

SEV

mm²/AWG/kcmil	2.5
Nominal current IN	22 A
Nominal voltage UN	250 V

cUL Recognized

	B	D
mm²/AWG/kcmil	30-14	30-14
Nominal current IN	15 A	10 A
Nominal voltage UN	250 V	300 V

CCA

IECEE CB Scheme

SEV

mm²/AWG/kcmil	2.5
Nominal current IN	22 A
Nominal voltage UN	250 V

PCB terminal block - SMKDSP 1,5/ 7 - 1733460

Approvals

EAC

cULus Recognized

Accessories

Accessories

Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183

Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Test plug terminal block

Test plugs - MPS-MT - 0201744

Test plugs, Color: silver

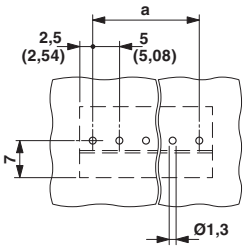
Reducing plug - RPS - 0201647

Reducing plug, Color: gray

PCB terminal block - SMKDSP 1,5/ 7 - 1733460

Drawings

Drilling diagram



Dimensional drawing