

PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

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>)

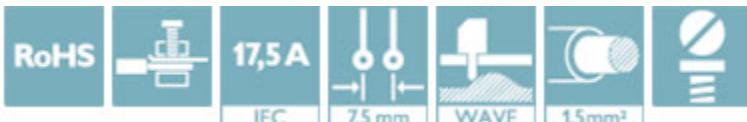


PCB terminal block, nominal current: 17.5 A, pitch: 7.5 mm, number of positions: 3, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 55 °, color: green. The article can be aligned to create different nos. of positions!

The figure shows a 2-position version

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Angled connection enables multi-row arrangement on the PCB
- Quick and convenient testing using integrated test option
- Larger pitch for increased voltage requirements
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	250 pc
GTIN	 4 017918 024802
GTIN	4017918024802
Weight per Piece (excluding packing)	5.390 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	13.4 mm
------------	---------

PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Technical data

Dimensions

Pitch	7.5 mm
Dimension a	15 mm
Width [w]	22.5 mm
Height	16 mm
Height [h]	19.5 mm
Solder pin [P]	3.5 mm
Hole diameter	1.3 mm

General

Range of articles	GSMKDSP 1,5
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	24 A (with a 2.5 mm ² conductor cross section)
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²

PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Technical data

Connection data

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

Standards and Regulations

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

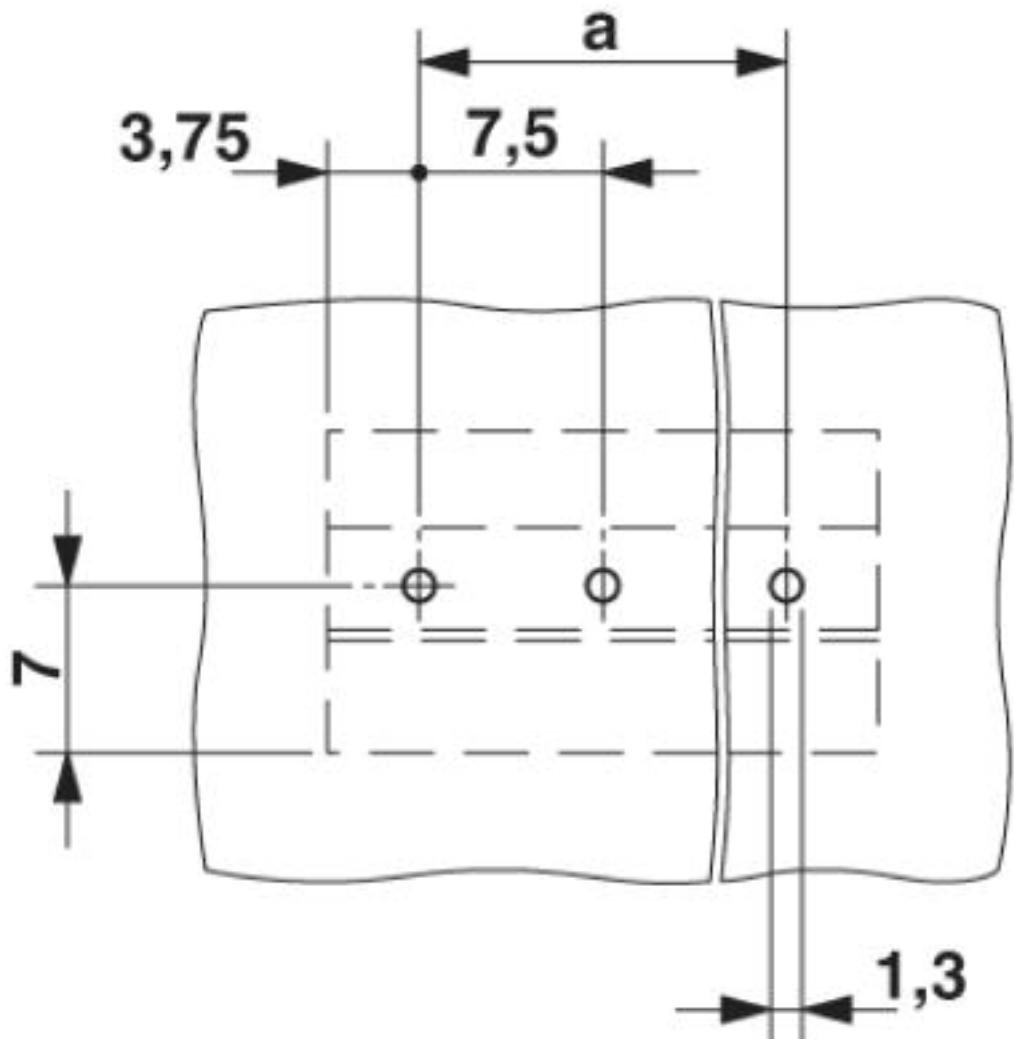
Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

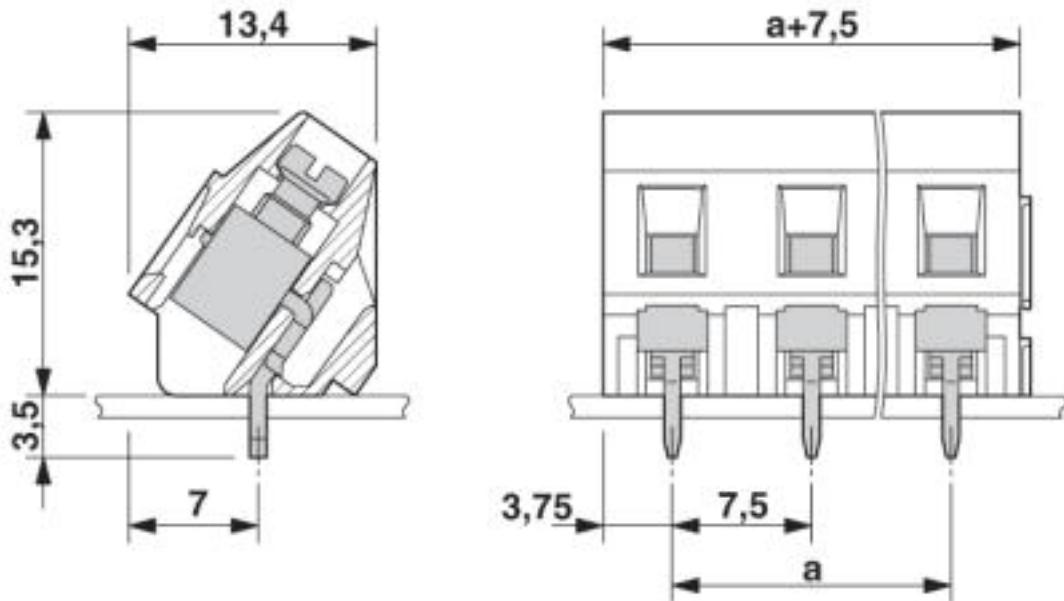
PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Drilling diagram



PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	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	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643
ETIM 7.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

CCA / UL Recognized / cUL Recognized / SEV / EAC

Ex Approvals

Approval details

CCA	IK-3249
Nominal voltage UN	500 V
mm ² /AWG/kcmil	2.5

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
Nominal voltage UN	B	D	
Nominal current IN	300 V	300 V	
mm ² /AWG/kcmil	10 A	10 A	
	30-14	30-14	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
Nominal voltage UN	B	D	
Nominal current IN	300 V	300 V	
mm ² /AWG/kcmil	10 A	10 A	
	30-14	30-14	

PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Approvals

SEV		https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html	IK-4199
Nominal voltage UN		500 V	
Nominal current IN		24 A	
mm ² /AWG/kcmil		2.5	

EAC		B.01742
-----	---	---------

Accessories

Accessories

Labeled terminal marker

Marker card - SK 7,5/5:FORTL.ZAHLEN - 0804468



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: adhesive, for terminal block width: 7.5 mm, lettering field size: 7.5 x 5 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

PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Accessories

Reducing plug - RPS - 0201647



Reducing plug, color: gray

Test plugs - MPS-MT - 0201744



Test plugs, with solder connection up to 1 mm² conductor cross section, color: gray
