

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://download.phoenixcontact.com>)



PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 35 °, Color: green, The article can be aligned to create different nos. of positions!

The illustration shows a 2-position version

Product Features

- ✓ Conductor and screwdriver axis at an angle of 35° to the usual direction
- ✓ With integrated 2.3 mm Ø test connection
- ✓ Arrangement of several rows of terminal blocks one behind the other – multi-level effect with the same design height

Key commercial data

package_quantity	250
GTIN	4017918024802

Technical data

Dimensions

Length	13.4 mm
Pitch	7.5 mm
Dimension a	15 mm
Pin dimensions	0,9 x 0,9 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 2.5 mm ² conductor cross section)
Insulating material	PA

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

Technical data

General

Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 1
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 stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil 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
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190

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

classifications

eCl@ss

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

UL Recognized / SEV / cUL Recognized / GOST / CCA / GOST / cULus Recognized /

Approval details

UL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	30-14	30-14

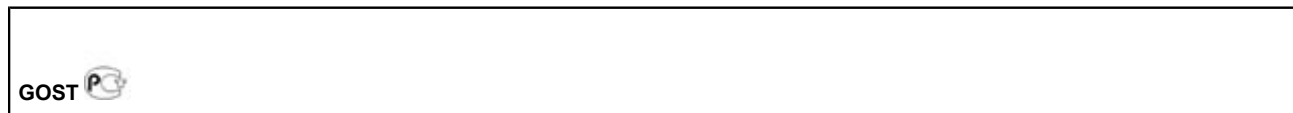
SEV	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	2.5

cUL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V

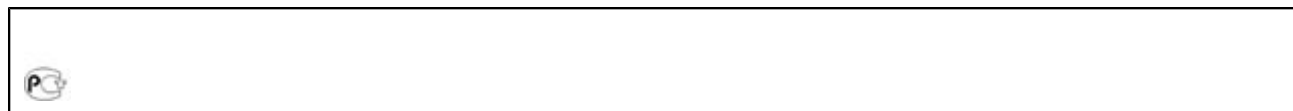
PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

approvals

Usegroups	B	D
Nominal current I _N	10 A	10 A
mm ² /AWG/kcmil	30-14	30-14



CCA	
Nominal voltage U _N	500 V
Nominal current I _N	
mm ² /AWG/kcmil	2.5



accessories

Screwdriver tools

SZS 0,6X3,5 - 1205053



Labeled terminal marker

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



Test plug terminal block

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

accessories

RPS - 0201647



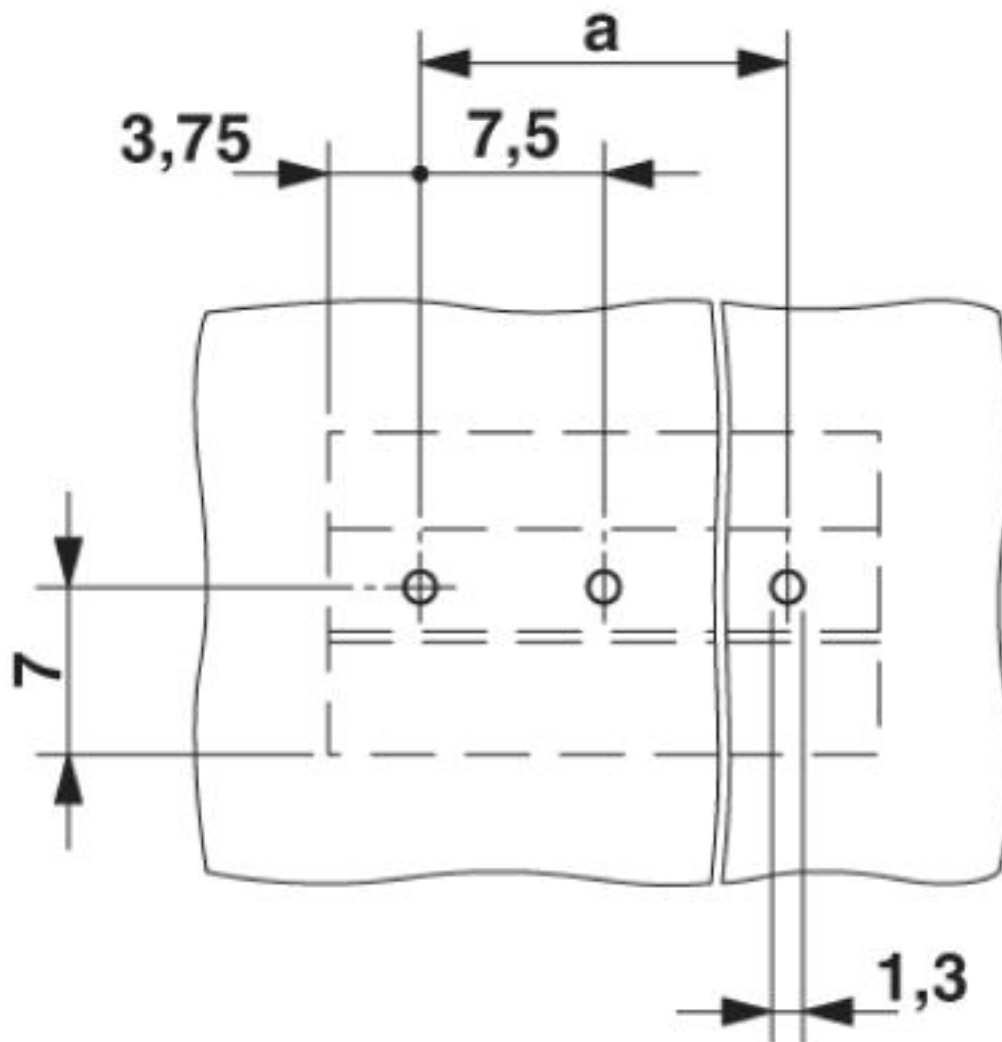
MPS-MT - 0201744



Drawings

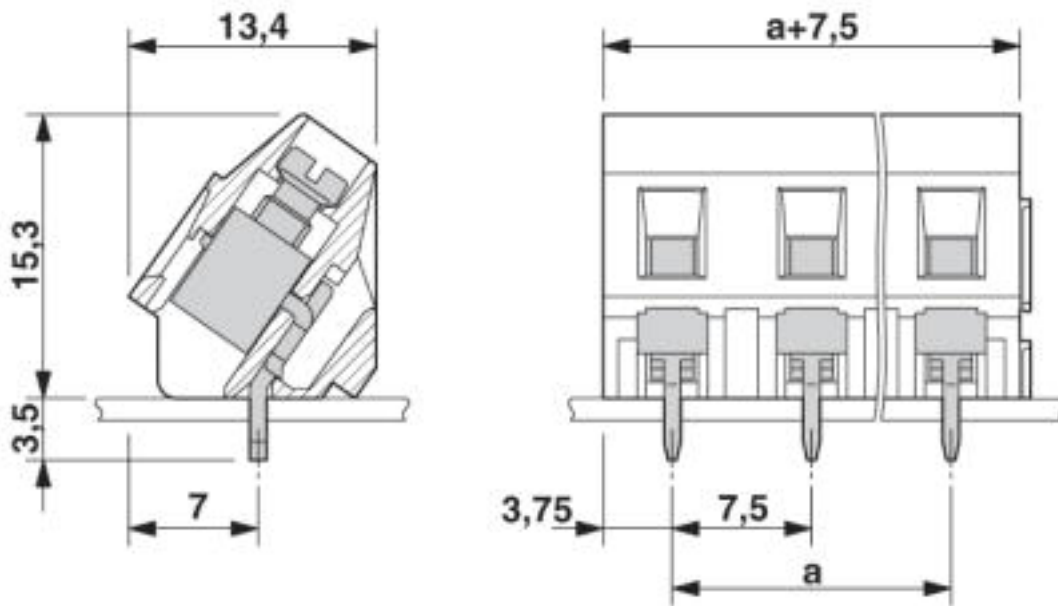
PCB terminal block - GSMKDSP 1,5/ 3 - 1718032

Drilling diagram



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

Dimensioned drawing



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>