

PCB terminal block - GMKDSN 1,5/ 3-7,62 - 1707030

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: 16 A, Nom. voltage: 630 V, Pitch: 7.62 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

The illustration shows an 10-position version

Product Features

- ✓ Low-profile design, e.g., for particularly compact mains connections
- ✓ Single-row PCB terminal blocks for 630 V applications with 7.62 mm pitch
- ✓ Can be consistently connected in series with the corresponding standard models of the MKDSN 1,5 range

Key commercial data

package_quantity	50
GTIN	4017918023379

Technical data

Dimensions

Length	8.1 mm
Pitch	7.62 mm
Dimension a	15.24 mm
Pin dimensions	0,5 x 1 mm
Hole diameter	1.3 mm

General

Range of articles	GMKDSN 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)	400 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	16 A
Nominal cross section	1.5 mm ²
Maximum load current	16 A (with 1.5 mm ² conductor cross section)
Insulating material	PA

PCB terminal block - GMKDSN 1,5/ 3-7,62 - 1707030

Technical data

General

Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A 1
Stripping length	6 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.	1.5 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	16
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.75 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 - GMKDSN 1,5/ 3-7,62 - 1707030

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

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

Approval details

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

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	400 V

PCB terminal block - GMKDSN 1,5/ 3-7,62 - 1707030

approvals

Nominal current I _N	
mm ² /AWG/kcmil	1.5

cUL Recognized 		
Usegroups	B	D
Nominal voltage U _N	300 V	300 V
Nominal current I _N	10 A	10 A
mm ² /AWG/kcmil	30-14	30-14

GOST 
--

CCA

IECEE CB Scheme 



cULus Recognized  US

accessories

Labeled terminal marker

SK 7,62/5:FORTL.ZAHLEN - 0804552



Screwdriver tools

PCB terminal block - GMKDSN 1,5/ 3-7,62 - 1707030

accessories

SZS 0,4X2,5 VDE - 1205037



Marker pen

B-STIFT - 1051993



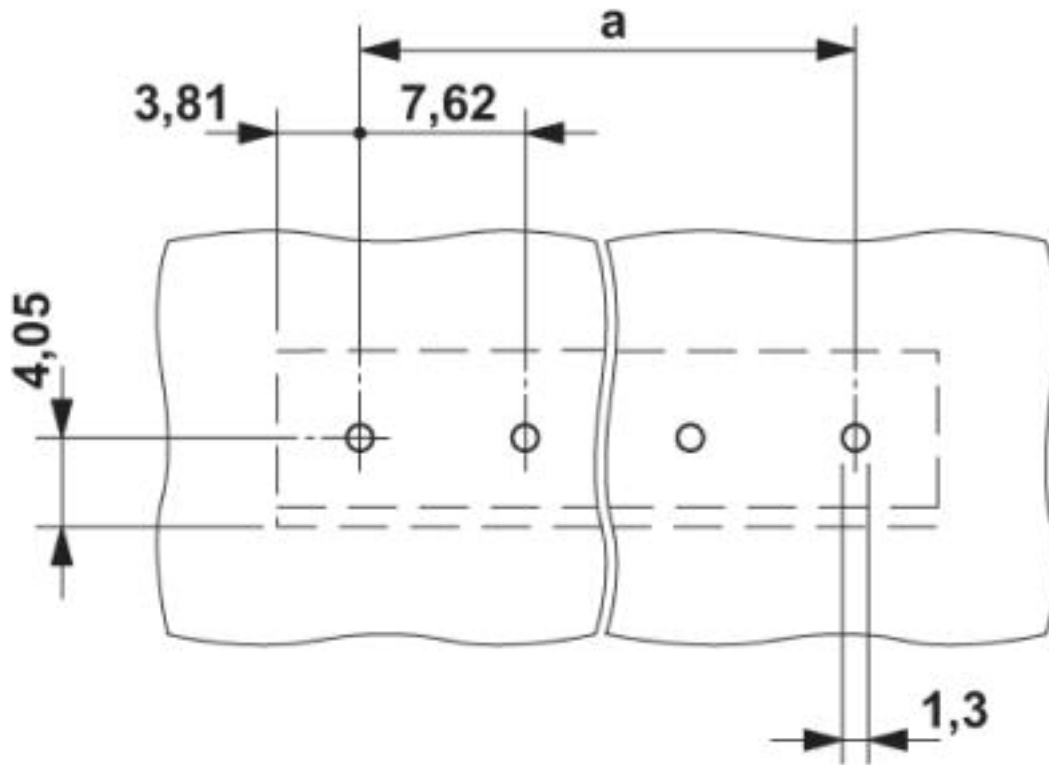
accessories

SK 7,62/3,8:UNBEDRUCKT - 0805441

Drawings

PCB terminal block - GMKDSN 1,5/ 3-7,62 - 1707030

Drilling diagram



Dimensioned drawing

