PCB terminal block - MKKDS 5/ 3-6,35 - 1719044

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The figure shows a 2-pos. version of the product

PCB terminal block, Nominal current: 32 A, Nom. voltage: 630 V, Pitch: 6.35 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!

Product Features

- Lateral offset of terminal points for better access to the cable funnels
- Double-level PCB terminal blocks with screw connection, up to 6 mm² conductor cross section

Key commercial data

package_quantity	50
GTIN	4017918122720

Technical data

Dimensions

Length	28 mm
Pitch	6.35 mm
Dimension a	12.7 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

General

Range of articles	MKKDS 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	32 A
Nominal cross section	4 mm²
Maximum load current	32 A
Insulating material	PA
Solder pin surface	Sn

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Technical data

General

Inflammability class according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	8 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.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	4 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 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.	0.75 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	10

classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190

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classifications

eCl@ss

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 / 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	28-10	28-10

UL Recognized

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

SEV	
Nominal voltage UN	450 V
Nominal current IN	

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approvals

mm²/AWG/kcmil	4

cUL Recognized

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

GOST

CCA

Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	6

cULus Recognized

accessories

Screwdriver tools

SZS 0,6X3,5 - 1205053

Labeled terminal marker

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accessories

SK 6,2/3,8:FORTL.ZAHLEN - 0804374

Terminal marking

SK 6,2/3,8:UNBEDRUCKT - 0805425

Marker pen

B-STIFT - 1051993

accessories

SK 6,2/3,8:SO - 0805111

Drawings

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Drilling diagram

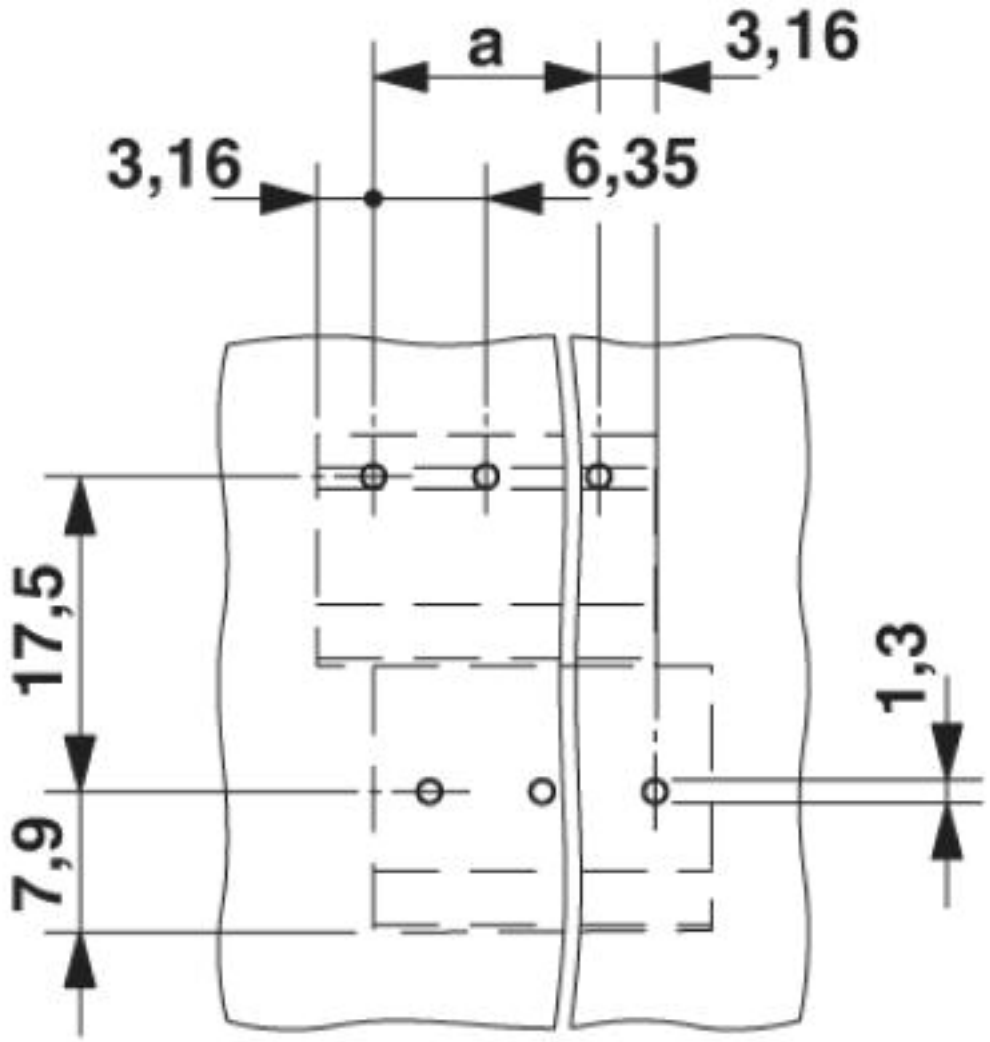

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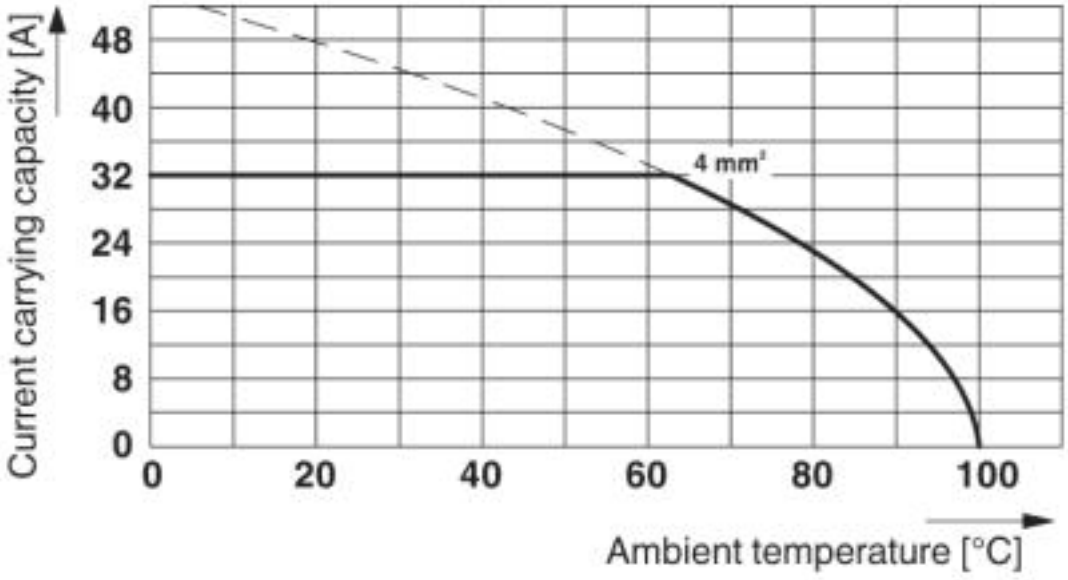
Diagram



Type: MKKDS 5/2-6,35 and MKKDS 5/3-6,35Test following DIN EN 60512-5-2:2003-01Reduction factor = 1No. of positions: 5

Dimensioned drawing