PCB terminal block - KDS10-PE/SO - 1704062

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 630 V, Pitch: 10 mm, Number of positions: 1, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green-yellow, The article can be aligned to create different nos. of positions!

Product Features

- Front screw connection terminal blocks, up to 6 mm² conductor cross section

Key commercial data

package_quantity	50
GTIN	4017918023195

Technical data

Dimensions

Length	36.8 mm
Pitch	10 mm
Pin dimensions	1 x 0,9 mm
Hole diameter	1.4 mm

General

Range of articles	KDS10-PE
Insulating material group	I
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)	630 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A
Nominal cross section	10 mm²
Maximum load current	76 A (with 16 mm² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	B 6
Stripping length	12 mm

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Technical data

General

Number of positions	1
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

Connection data

Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	10 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 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.	6 mm²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	6

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

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classifications

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 / cUL Recognized / GOST / GL / GOST / cULus Recognized /

Approval details

CSA

Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm²/AWG/kcmil	18-6	18-6

UL Recognized

Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm²/AWG/kcmil	24-6	24-6

cUL Recognized

Usegroups	B	C
Nominal voltage UN		
Nominal current IN		
mm²/AWG/kcmil	24-6	24-6

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approvals

GOST

GL

cULus Recognized

accessories

Pitch spacer

RZ-KDS10 - 1701065

Bridge

FBI 10-10 - 0203276

Test socket

PSB 4/7/6 - 0303299

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accessories

Screwdriver tools

SZS 1,0X4,0 VDE - 1205066

Labeled terminal marker

ZB10,LGS:FORTL.ZAHLEN - 1053014

Drawings

Drilling diagram

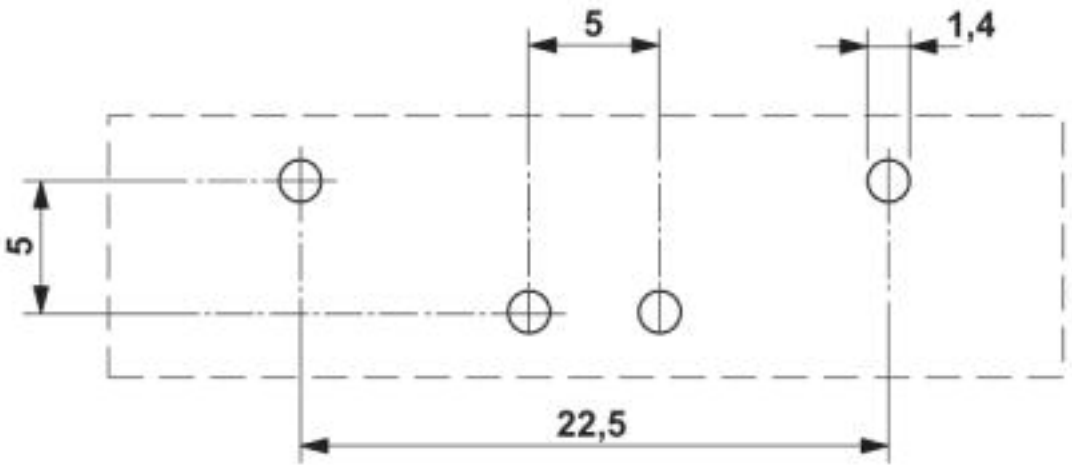

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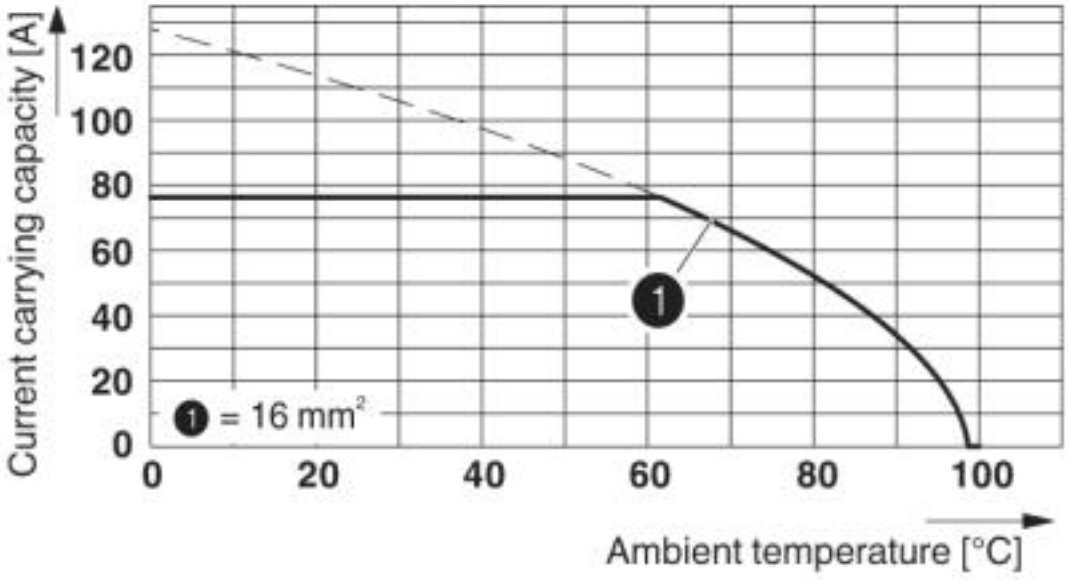
Diagram



Type: KDS 10Test following DIN EN 60512-5-2:2003-01Reduction factor = 1No. of positions: 5

Dimensioned drawing