

PCB terminal block - KDS - 1701023

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 1, 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 a combination as a 15-position version



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 103 (CC-2007)
GTIN	 4 017918 022945
Custom tariff number	85369010
Country of origin	POLAND

Technical data

Dimensions / positions

Length	18.6 mm
Pitch	5 mm
Number of positions	1
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm
Screw thread	M2,6
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

Technical data

Range of articles	KDS
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)	250 V

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Technical data

Technical data

Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current IN	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
Inflammability class according to UL 94	V2
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	15 A
Nominal voltage, UL/CUL Use Group C	50 V
Nominal current, UL/CUL Use Group C	15 A

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 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 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.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

Classifications

eclass

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

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Classifications

eclass

eCl@ss 7.0	27440401
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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

Approvals

Approvals

CSA / UL Recognized / SEV / GOST / CCA

Ex Approvals

Approvals submitted

Approval details

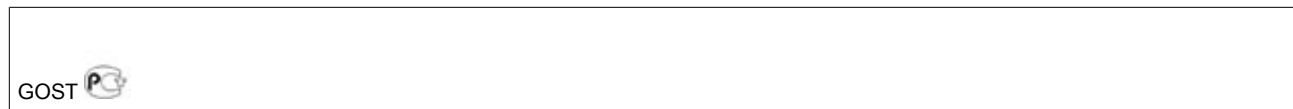
CSA 		
	B	C
mm²/AWG/kcmil	24-12	24-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	50 V

UL Recognized 			
		B	C
mm²/AWG/kcmil	30-14	30-14	
Nominal current I _N	15 A	15 A	

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Approvals

SEV	
mm²/AWG/kcmil	2.5
Nominal voltage UN	250 V



CCA	
mm²/AWG/kcmil	2.5
Nominal voltage UN	250 V

Accessories

Accessories

Assembly

PCB terminal block - RZ 2,5 - 1701052



Pitch spacer, raises the pitch by 2.5 mm, interlocks with terminal block of the same shape, color: green

PCB terminal block - TP-KDS/GKDS - 1701793



PCB terminal block

Bridges

Insertion bridge - EB 2- 5 - 1401158



Insertion bridge, Number of positions: 2, Color: gray

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Accessories

Insertion bridge - EB 3- 5 - 1401145



Insertion bridge, Number of positions: 3, Color: gray

Marking

Marker cards - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm

Marker pin - BNB-ZB 5,LGS:FORTL.ZAHLEN - 1400201



Marker pin, Strip, white, Labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Plug in, For terminal block width: 5 mm, Lettering field: 4 x 4 mm

Plug/Adapter

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744



Test plugs

Tools

PCB terminal block - KDS - 1701023

Accessories

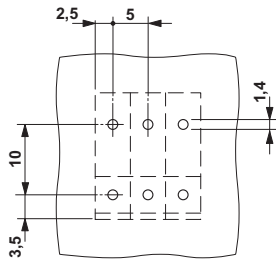
Screwdriver - SZS 0,6X3,5 - 1205053



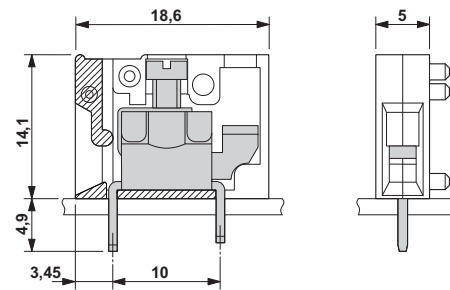
Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram



Dimensioned drawing



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