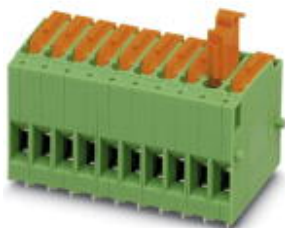


PCB terminal block - KDS 3-MT - 1780015

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PCB terminal block, Nominal current: 15 A, Nom. voltage: 320 V, Pitch: 5.08 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 figure shows a 10-position version of the product

Why buy this product

- Modular design enables blocking for larger numbers of positions
- Two solder pins for a high level of stability on the PCB
- Voltage increased by means of pitch spacers
- Low-heat generating current transfer in the conductive path



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 040703
Weight per Piece (excluding packing)	5.67 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	27 mm
Pitch	5.08 mm
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm

General

Range of articles	KDS 3-MT
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

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Technical data

General

Rated voltage (III/3)	320 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	15 A
Nominal cross section	2.5 mm ²
Maximum load current	15 A (with 4 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	8 mm
Number of positions	1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 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.	2.5 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.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1 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.	0.75 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

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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

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 / RS / CCA / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	B	D	
	mm ² /AWG/kcmil	24-12	24-12
	Nominal current I _N	10 A	10 A

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Approvals

	B	D
Nominal voltage UN	300 V	300 V

UL Recognized		
	B	D
mm ² /AWG/kcmil	28-12	28-12
Nominal current IN	15 A	10 A
Nominal voltage UN	250 V	300 V

SEV	
mm ² /AWG/kcmil	4
Nominal voltage UN	250 V

RS

CCA	
mm ² /AWG/kcmil	4
Nominal voltage UN	250 V

EAC

Accessories

Accessories

Labeled terminal marker

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



Marker pin Zack strip, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Plug in, for terminal block width: 5.2 mm, Lettering field: 4 x 4 mm

Pitch spacer

PCB terminal block - KDS 3-MT - 1780015

Accessories

Pitch spacer - RZ 2,54 - 1780044



Pitch spacer, raises the pitch by 2.54 mm, interlocks with terminal block of the same shape, color: green

Screwdriver tools

Screwdriver - SZG 0,6X3,5 VDE - 1205121



Screwdriver, slot-headed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Test plug terminal block

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744

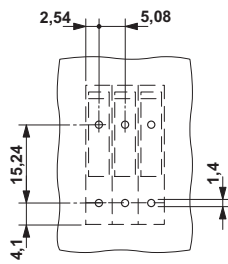


Test plugs, Color: silver

Drawings

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Drilling diagram



Dimensioned drawing

