

KDS 3-PMT

Order No.: 1780028

The figure shows a 10-position version of the product



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PC terminal block, Nominal current: 13.5 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 1, Type of connection: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

Commercial data

GTIN (EAN)	4 017918 040710
sales group	E052
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 85 (CC-2009)

Product notes

WEEE/RoHS-compliant since: 01/01/2003



<http://www.download.phoenixcontact.com>
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Technical data

Dimensions / positions

Length	27 mm
Pitch	5.08 mm

Number of positions	1
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

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
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	13.5 A
Nominal cross section	2.5 mm ²
Maximum load current	13.5 A (with 4 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V2
Internal cylindrical gage	A3
Stripping length	8 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 D	300 V
Nominal current, UL/CUL Use Group D	10 A

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
Minimum AWG according to UL/CUL	28
Maximum AWG according to UL/CUL	12

Certificates / Approvals



Certification

CCA, GOST, RS, SEV, UL

Accessories

Item	Designation	Description
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Assembly

1780044	RZ 2,54	Pitch spacer, raises the pitch by 2.54 mm, interlocks with terminal block of the same shape, color: green
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Marking

1400201	BNB-ZB 5,LGS:FORTL.ZAHLEN	BNB Zack marker strip, labeled horizontally: 10-section, divisible, with consecutive numbers, 1-10, 11-20 etc. up to 491-500
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Plug/Adapter

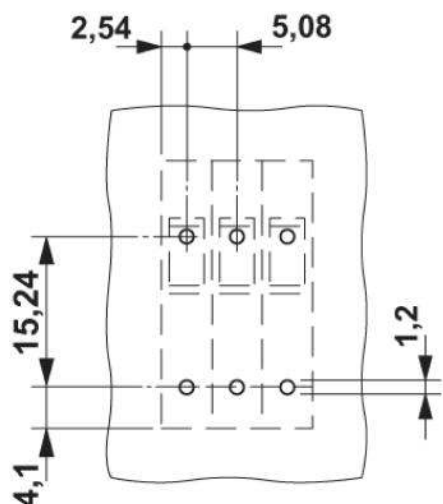
0201744	MPS-MT	Test plugs
0201647	RPS	Reducing plug, Color: gray

Tools

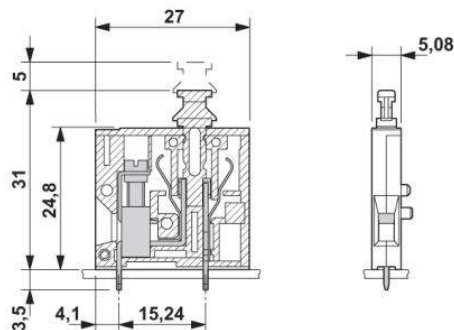
1205121	SZG 0,6X3,5 VDE	Screwdriver, bladed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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