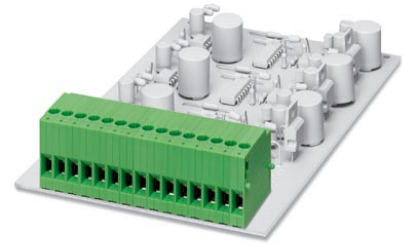


KDS 3

Order No.: 1704004

The illustration shows a combination as a 15-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1704004>

Printed circuit terminal block, nominal current: 24 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 1, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 0°

Commercial data

EAN	4017918023157
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.004452 KG

Product notes

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



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions

Pitch	5.08 mm
Number of positions	1
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm
Screw thread	M 3
Tightening torque, min	0.5 Nm

Technical data

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/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal voltage U_N	320 V
Nominal cross section	2.5 mm ²
Maximum load current	32 A (with 4 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm

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

Certificates / Approvals

Approval logo



CSA

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	24-12

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	28-12
Certification	CCA, CSA, 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

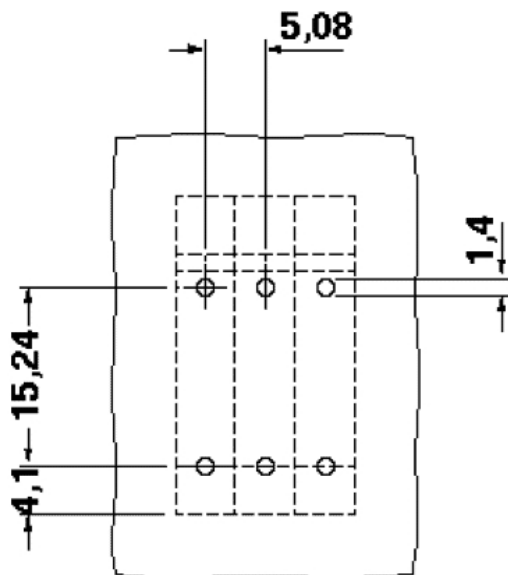
0201744	MPS-MT	Test plug, consisting of: Metal part for 2.3 mm diameter socket hole
0201647	RPS	Reducing plug, for transition from 4 mm diameter test plug socket, insulation: gray

Tools

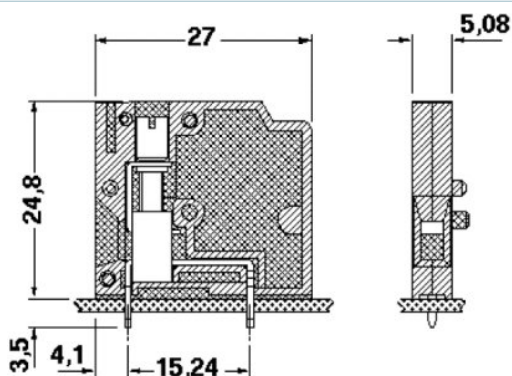
1205121	SZG 0,6X3,5	Screwdriver, bladed. with stepped blade, matches all screw terminal blocks with 2.3 mm diameter test socket screws and test plug sockets, blade width: 3.5 mm
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Drawings

Drilling diagram



Dimensioned drawing



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