

PCB terminal block - KDS 3 - 1704004

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 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 illustration shows a combination as a 15-position version



Key commercial data

Packing unit	1
Minimum order quantity	50
GTIN	 4 017918 023157
Custom tariff number	85369010
Country of origin	POLAND

Technical data

Dimensions / positions

Length	27 mm
Pitch	5.08 mm
Number of positions	1
Pin dimensions	1,1 x 0,8 mm
Hole diameter	1.4 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	KDS 3
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)	400 V

PCB terminal block - KDS 3 - 1704004

Technical data

Technical data

Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	24 A
Nominal cross section	2.5 mm ²
Maximum load current	32 A (with 4 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
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

PCB terminal block - KDS 3 - 1704004

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
eCl@ss 7.0	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 / GOST / RS / CCA

Ex Approvals

Approvals submitted

Approval details

CSA	
mm ² /AWG/kcmil	24-12
Nominal current I _N	10 A
Nominal voltage U _N	300 V

PCB terminal block - KDS 3 - 1704004

Approvals

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

GOST	
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RS

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

Accessories

Accessories

Assembly

Spacer plate - RZ 2,54 - 1780044



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

Marking

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

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Accessories

Plug/Adapter

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744



Test plugs

Tools

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

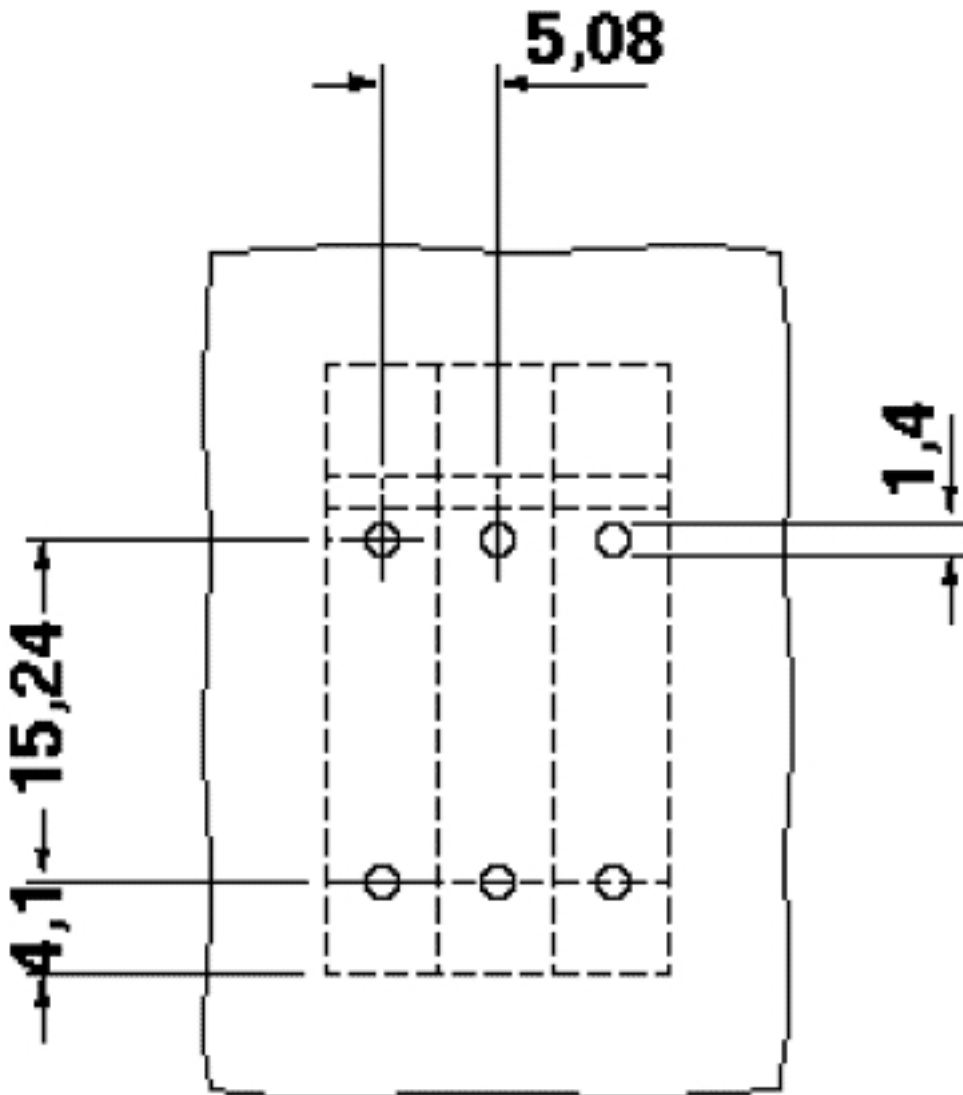


Screwdriver, bladed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

PCB terminal block - KDS 3 - 1704004

Drilling diagram



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Dimensioned drawing

