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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 | |
|------|--|

| |
|----|
| 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

PCB terminal block - KDS 3 - 1704004

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

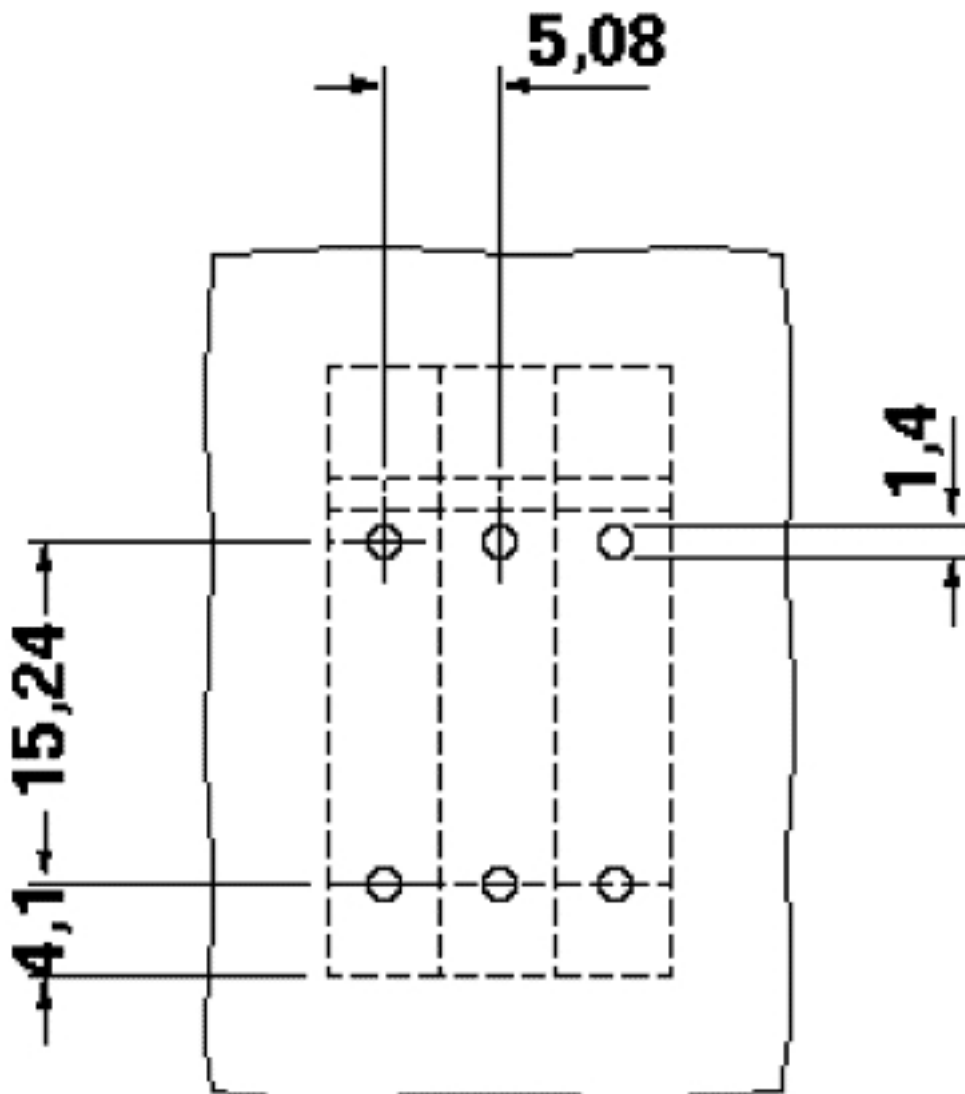


Screwdriver, bladed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Drawings

PCB terminal block - KDS 3 - 1704004

Drilling diagram



PCB terminal block - KDS 3 - 1704004

Dimensioned drawing

