



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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MKDSP 10HV/ 2-12,7

Order No.: 1929533

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1929533>

PC terminal block, Nominal current: 76 A, Nom. voltage: 1000 V,
Pitch: 12.7 mm, Number of positions: 2, 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 819651 |
| sales group | E530 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 323 (CC-2009) |

Product notesWEEE/RoHS-compliant since:
01/01/2003

[http://
www.download.phoenixcontact.com](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
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Technical data**Dimensions / positions**

| | |
|--------|---------|
| Length | 22 mm |
| Pitch | 12.7 mm |

| | |
|------------------------|------------|
| Dimension a | 12.7 mm |
| Number of positions | 2 |
| Pin dimensions | 1 x 0,9 mm |
| Hole diameter | 1.5 mm |
| Screw thread | M4 |
| Tightening torque, min | 1.2 Nm |
| Tightening torque max | 1.5 Nm |

Technical data

| | |
|-------------------------------------|--|
| Range of articles | MKDSP 10HV |
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 76 A |
| Nominal voltage U_N | 1000 V |
| Nominal cross section | 16 mm ² |
| Maximum load current | 76 A (with 16 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | B6 |
| Stripping length | 10 mm |
| Nominal voltage, UL/CUL Use Group B | 600 V |
| Nominal current, UL/CUL Use Group B | 60 A |
| Nominal voltage, UL/CUL Use Group C | 600 V |
| Nominal current, UL/CUL Use Group C | 60 A |

Connection data

| | |
|--|---------------------|
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section stranded min. | 0.5 mm ² |
| Conductor cross section stranded max. | 16 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.5 mm ² |

| | |
|---|---------------------|
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 16 mm ² |
| Conductor cross section AWG/kcmil min. | 20 |
| Conductor cross section AWG/kcmil max | 6 |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, solid max. | 4 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded max. | 4 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 2.5 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. | 6 mm ² |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 6 |

Certificates / Approvals



Certification

CB, CCA, CUL, GOST, SEV, UL

Accessories

| Item | Designation | Description |
|-----------------|---------------------|---|
| Assembly | | |
| 1929672 | RZ-MKDSP 10 HV-2,54 | Pitch spacer, raises the pitch by 2.54 mm, interlocks with terminal block, color: green |

General

| | | |
|---------|--------------------|---|
| 1929546 | MKDSP 10HV/ 3-12,7 | PC terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 12.7 mm, Number of positions: 3, 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! |
|---------|--------------------|---|

Marking

| | | |
|---------|------------------------|---|
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 0805179 | SK 10/5:SO | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 10 identical marker strips per card, max. 25-position labeling per strip, color: White |
| 0805221 | SK 5,0 WH:REEL | Self-adhesive marker strips, unprinted, material off the roll, for individual labeling with thermal transfer printer CMS-THERMO X1, pitch as desired, strips up to 1000 mm long, 10 strips, height: 5 mm, 1 roll = 90 m |
| 0803922 | SK U/5,0 WH:UNBEDRUCKT | |

Plug/Adapter

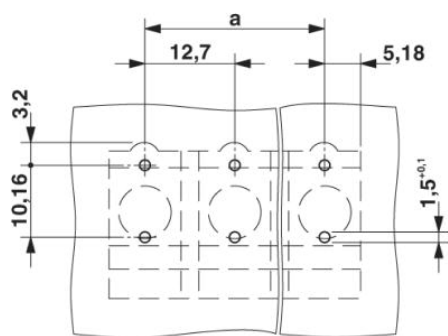
| | | |
|---------|-----|----------------------------|
| 0201647 | RPS | Reducing plug, Color: gray |
|---------|-----|----------------------------|

Tools

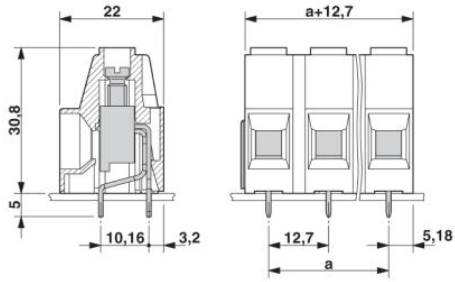
| | | |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|--|

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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