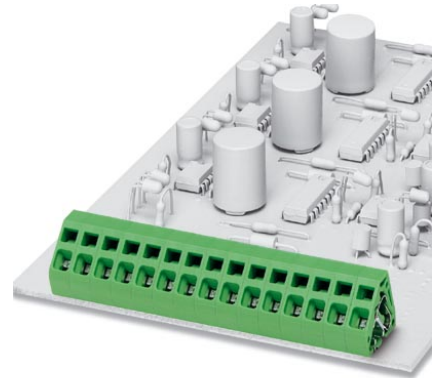


ZFKDS 2,5-5,08


Order No.: 1904969

The illustration shows a 15-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1904969>

PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 1, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 188719 |
| sales group | E063 |
| Pack | 50 pcs. |
| Customs tariff | 85369010 |
| Catalog page information | Page 103 (CC-2009) |

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

| | |
|---------------------|----------|
| Length | 16.85 mm |
| Pitch | 5.08 mm |
| Number of positions | 1 |

| | |
|----------------|--------------|
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter | 1.3 mm |

Technical data

| | |
|-------------------------------------|---|
| Range of articles | ZFKDS(A) 2,5 |
| 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) | 250 V |
| Rated voltage (III/2) | 400 V |
| 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 | 24 A (with 2.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |
| Nominal voltage, UL/CUL Use Group B | 250 V |
| Nominal current, UL/CUL Use Group B | 10 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 |
| Minimum AWG according to UL/CUL | 26 |
| Maximum AWG according to UL/CUL | 12 |

Certificates / Approvals

Certification CUL, UL

Accessories

| Item | Designation | Description |
|----------------|-------------------|--|
| General | | |
| 1905214 | ZFKDS 2,5-5,08 L | PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 1, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions! |
| 1905010 | ZFKDSA 2,5-6,08 R | PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 1, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, 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 |
| 0804303 | SK 5,08/3,8: 0-9 | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 12 identical decades marked 0-9, sufficient for 120 terminal blocks |
| 0804293 | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks |
| 0804293 | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks |
| 0805085 | SK 5,08/3,8:SO | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white |
| 0805412 | SK 5,08/3,8:UNBEDRUCKT | Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN |

Tools

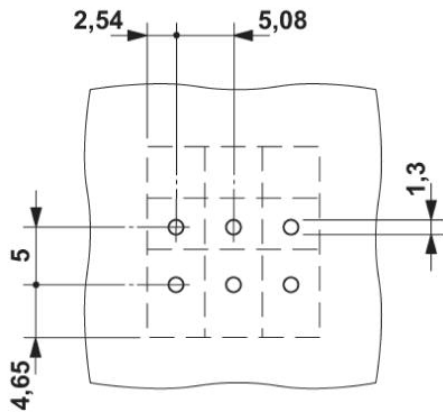
| | | |
|---------|---------------|---|
| 1204517 | SZF 1-0,6X3,5 | Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|---------------|---|

Additional products

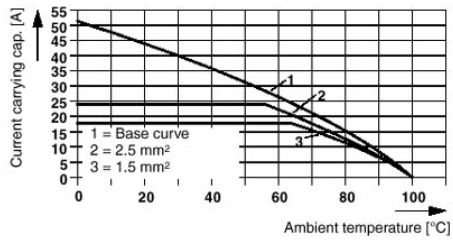
| Item | Designation | Description |
|---------|-------------------|--|
| 1905214 | ZFKDS 2,5-5,08 L | PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 1, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions! |
| 1905010 | ZFKDSA 2,5-6,08 R | PC terminal block, Nominal current: 24 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 1, Type of connection: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions! |

Diagrams/Drawings

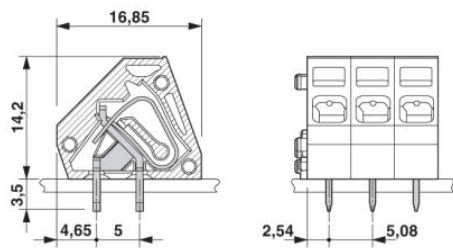
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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