

PCB terminal block - MK3DS 3/ 3-5,08 - 1723027

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

Product Features

- Three-level type with high packing and connection density
- Offset levels for optimum access to the terminal points

Key commercial data

| | |
|-------------------------|---------------|
| package_quantity | 50 |
| GTIN | 4017918025168 |

Technical data

Dimensions

| | |
|-----------------------|--------------|
| Length | 33.6 mm |
| Pitch | 5.08 mm |
| Dimension a | 10.16 mm |
| Pin dimensions | 0,9 x 0,9 mm |
| Hole diameter | 1.3 mm |

General

| | |
|--|---|
| Range of articles | MK3DS 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) | 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 | 17.5 A |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 24 A (with 4 mm ² conductor cross section) |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |

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Technical data

General

| | |
|---------------------------|--------|
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |
| Number of positions | 3 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

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. | 1.5 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. | 2.5 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. | 1.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 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. | 0.5 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 12 |

classifications

eCl@ss

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

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classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 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

CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / IECEE CB Scheme / GOST / cULus Recognized /

Approval details

|  | | |
|---|-------|-------|
| Usegroups | B | D |
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 10 A | 10 A |
| mm ² /AWG/kcmil | 28-12 | 28-12 |

|  | | |
|---|-------|-------|
| Usegroups | B | D |
| Nominal voltage UN | 125 V | 300 V |
| Nominal current IN | 20 A | 10 A |
| mm ² /AWG/kcmil | 30-12 | 30-12 |

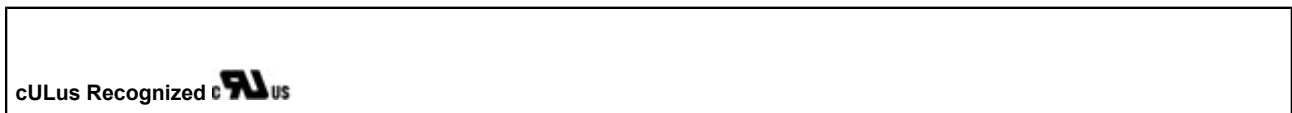
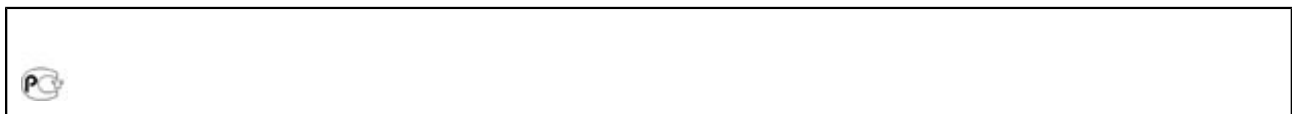
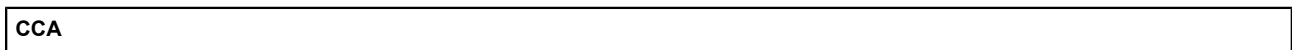
| | |
|----------------------------|-------|
| SEV | |
| Nominal voltage UN | 250 V |
| Nominal current IN | |
| mm ² /AWG/kcmil | 4 |

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approvals

cUL Recognized

| Usegroups | B | D |
|----------------------------|-------|-------|
| Nominal voltage UN | 125 V | 300 V |
| Nominal current IN | 20 A | 10 A |
| mm ² /AWG/kcmil | 30-12 | 30-12 |



accessories

Cover

EA-MKDS - 1711408



Labeled terminal marker

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accessories

SK 5,08/3,8:FORTL.ZAHLEN - 0804293



SK 5,08/3,8: 0-9 - 0804303



Terminal marking

SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker pen

B-STIFT - 1051993



Screwdriver tools

SZS 0,6X3,5 - 1205053



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accessories

Bridge

EBP 2- 5 - 1733169



EBP 3- 5 - 1733172



accessories

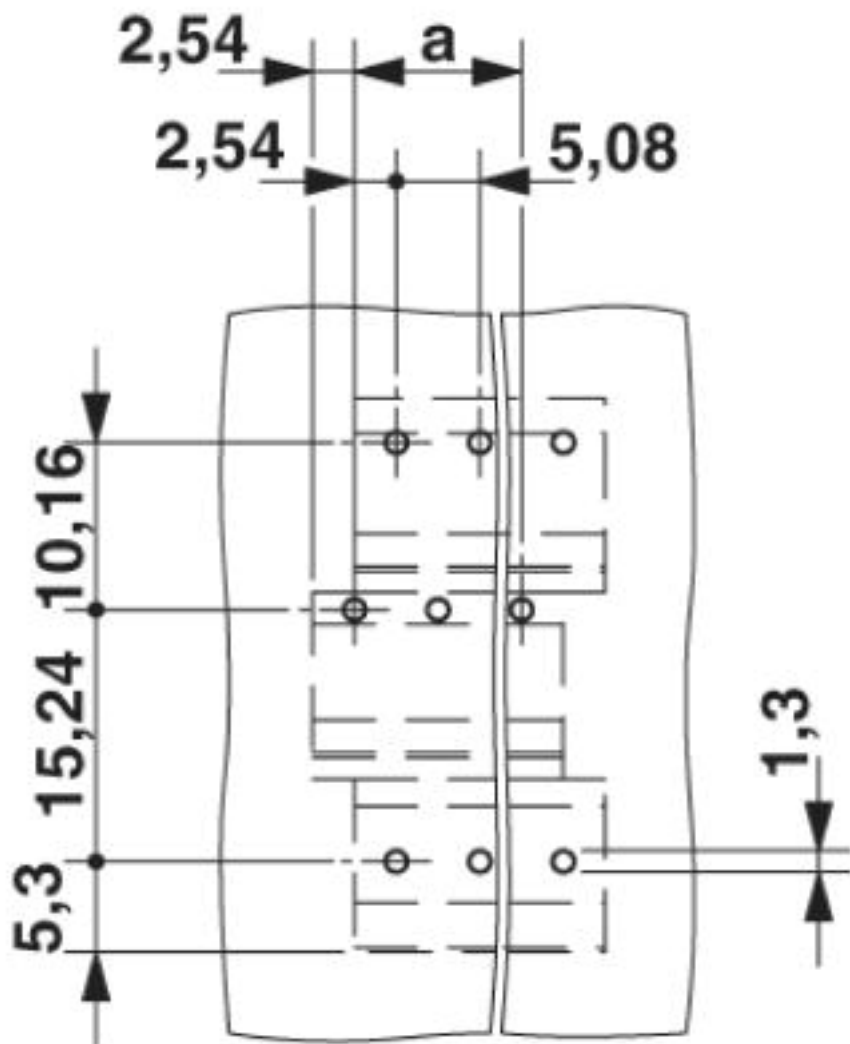
SK 5,08/3,8:SO - 0805085



Drawings

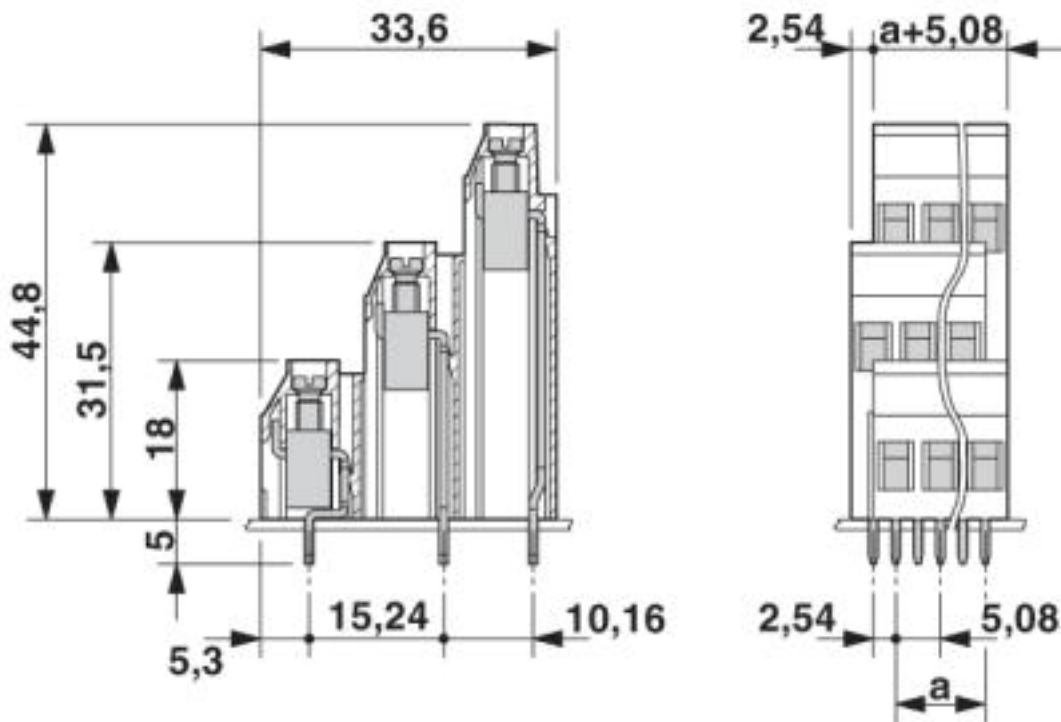
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Drilling diagram



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Dimensioned drawing



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