

PCB terminal block - GMKDS 3/ 2 - 1731022

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PC terminal block, Nominal current: 24 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

Why buy this product

- With additional integrated test connection for accommodating 2 mm Ø test pins or 2.3 mm Ø test plug
- Can be consistently connected in series with the corresponding standard models of the MKDS 3 range
- Single-row PCB terminal blocks for 630 V applications with 7.62 mm pitch



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 50 |
| Catalog page | Page 115 (CC-2011) |
| GTIN |  4 017918 026370 |
| Custom tariff number | 85369010 |
| Country of origin | GERMANY |

Technical data

Dimensions / positions

| | |
|------------------------|--------------|
| Length | 11.2 mm |
| Pitch | 7.5 mm |
| Dimension a | 7.5 mm |
| Number of positions | 2 |
| Pin dimensions | 0,9 x 0,9 mm |
| Hole diameter | 1.3 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Technical data

| | |
|---------------------------|---------|
| Range of articles | GMKDS 3 |
| Insulating material group | I |

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Technical data

Technical data

| | |
|---|---|
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 500 V |
| Rated voltage (III/2) | 630 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 24 A |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 30 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. | 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. | 1.5 mm ² |

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Technical data

Connection data

| | |
|---------------------------------|----|
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 12 |

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 / cUL Recognized / GOST / GL / CCA / GOST / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

PCB terminal block - GMKDS 3/ 2 - 1731022

Approvals

CSA 


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

UL Recognized 

| | B | D |
|----------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current IN | 15 A | 10 A |
| Nominal voltage UN | 250 V | 300 V |

SEV

| | |
|----------------------------|-------|
| mm ² /AWG/kcmil | 4 |
| Nominal voltage UN | 500 V |

cUL Recognized 

| | B | D |
|----------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-12 | 30-12 |
| Nominal current IN | 15 A | 10 A |
| Nominal voltage UN | 250 V | 300 V |

GOST 

GL


CCA

| | |
|----------------------------|-------|
| mm ² /AWG/kcmil | 4 |
| Nominal voltage UN | 500 V |

GOST 

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Approvals

cULus Recognized 

Accessories

Accessories

Assembly

Cover - EA-MKDS - 1711408



Single cover, to cover individual terminal positions, snap-fitting, color: orange, transparent

Marking

Marker cards - SK 7,5/5:FORTL.ZAHLEN - 0804468



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 100, Mounting type: Adhesive, For terminal block width: 7.5 mm

Tools

Screwdriver - SZS 0,6X3,5 - 1205053

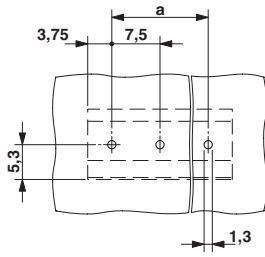


Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

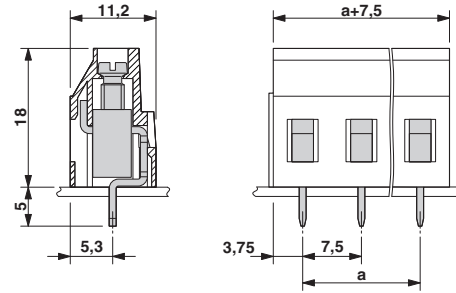
Drawings

PCB terminal block - GMKDS 3/ 2 - 1731022

Drilling diagram



Dimensioned drawing



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