


PCB terminal block - SMKDS 5/ 2-9,5 A0 - 1724385

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PCB terminal block, nominal current: 32 A, pitch: 9.52 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 35 °, color: green



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 017918 242312 |
| GTIN | 4017918242312 |

Technical data

Dimensions

| | |
|----------------|----------|
| Length [l] | 18.5 mm |
| Pitch | 9.52 mm |
| Dimension a | 9.52 mm |
| Width [w] | 19.04 mm |
| Height | 21.5 mm |
| Height [h] | 26.5 mm |
| Solder pin [P] | 5 mm |
| Hole diameter | 1.3 mm |

General

| | |
|----------------------------------|-------------------|
| Range of articles | SMKDS 5 |
| 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) | 690 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 32 A |
| Nominal cross section | 4 mm ² |
| Internal cylindrical gage | A4 |
| Stripping length | 8 mm |

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Technical data

General

| | |
|------------------------|--------|
| Number of positions | 2 |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| 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. | 2.5 mm ² |

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| | CSA |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals

Approvals

Approvals


CSA / CCA / SEV / EAC / cULus Recognized

Ex Approvals


Approval details

PCB terminal block - SMKDS 5/ 2-9,5 A0 - 1724385


Approvals

| | | | |
|----------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | B | C | |
| Nominal voltage UN | 300 V | 300 V | |
| Nominal current IN | 30 A | 30 A | |
| mm ² /AWG/kcmil | 28-10 | 28-10 | |

| | |
|----------------------------|---------|
| CCA | IK-3249 |
| Nominal voltage UN | 690 V |
| mm ² /AWG/kcmil | 6 |

| | | | |
|----------------------------|---|---|---------|
| SEV |  | https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html | IK-4199 |
| Nominal voltage UN | 690 V | | |
| Nominal current IN | 32 A | | |
| mm ² /AWG/kcmil | 6 | | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19870331 |
| | B | C | |
| Nominal voltage UN | 250 V | 300 V | |
| Nominal current IN | 30 A | 30 A | |
| mm ² /AWG/kcmil | 30-10 | 30-10 | |

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