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PCB terminal block - MKDSP 95/ 1-20,0-FL - 1841856

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PCB terminal block, Nominal current: 232 A, Nom. voltage: 1000 V, Pitch: 20 mm, Number of positions: 1, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green

Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Quick and convenient testing using integrated test option
- Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 5 STK |
| Minimum order quantity | 5 STK |
| GTIN |  4 046356 920018 |
| GTIN | 4046356920018 |
| Sales Key | AABJDA |

Technical data

Dimensions

| | |
|--------------------------|----------|
| Length | 44 mm |
| Pitch | 20 mm |
| Width | 52 mm |
| Constructional height | 69 mm |
| Height | 73 mm |
| Length of the solder pin | 4 mm |
| Pin dimensions | 3 x 3 mm |
| Pin spacing | 13.8 mm |
| Hole diameter | 4.8 mm |

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Technical data

General

| | |
|--|--------------------|
| Range of articles | MKDSP 95/...-FL |
| 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/3) | 1000 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 232 A |
| Nominal cross section | 95 mm ² |
| Maximum load current | 232 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 25 mm |
| Number of positions | 1 |
| Screw thread | M8 |
| Tightening torque, min | 10 Nm |

Connection data

| | |
|---|--------------------|
| Conductor cross section solid min. | 10 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section flexible min. | 25 mm ² |
| Conductor cross section flexible max. | 95 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 16 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 95 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 16 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 95 mm ² |
| Conductor cross section AWG min. | 6 |
| Conductor cross section AWG max. | 3/0 |
| 2 conductors with same cross section, solid min. | 16 mm ² |
| 2 conductors with same cross section, solid max. | 25 mm ² |
| 2 conductors with same cross section, stranded min. | 16 mm ² |
| 2 conductors with same cross section, stranded max. | 25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 16 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 25 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 16 mm ² |

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Technical data

Connection data

| | |
|---|--------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 25 mm ² |
|---|--------------------|

Standards and Regulations

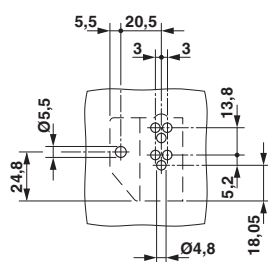
| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

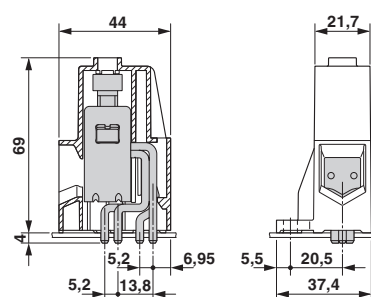
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

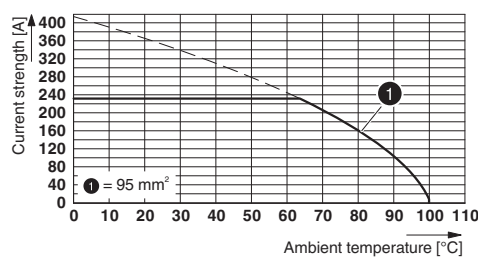
Drilling diagram



Dimensional drawing



Diagram



Type: MKDSP 95/ 4-20,0-F

Tested in accordance with DIN EN 60512-5-2:2003-01

Reduction factor = 1

Number of positions: 4

Approvals

Approvals

Approvals

VDE Zeichengenehmigung / IECCE CB Scheme / EAC / cULus Recognized

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Approvals


Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|----------|
| VDE Zeichengenehmigung |  | http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx | 40041859 |
| mm ² /AWG/kcmil | 10-95 | | |
| Nominal current IN | 232 A | | |
| Nominal voltage UN | 1000 V | | |

| | | | |
|----------------------------|---|---|--------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-55351-B1 |
| mm ² /AWG/kcmil | 10-95 | | |
| Nominal current IN | 232 A | | |
| Nominal voltage UN | 1000 V | | |

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

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19770427 |
| | B | C | |
| mm ² /AWG/kcmil | 6-3/0 | 6-3/0 | |
| Nominal current IN | 200 A | 200 A | |
| Nominal voltage UN | 600 V | 600 V | |

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