

## PCB terminal block - MKDSP 95/ 2-20,0-F - 1841869

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PCB terminal block, Nominal current: 232 A, Nom. voltage: 1000 V, Pitch: 20 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green


The illustration shows the 3-pos. version

### 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 920025
GTIN	4046356920025
Sales Key	AABJAA

### Technical data

#### Dimensions

Length	44 mm
Pitch	20 mm
Dimension a	20 mm
Width	72 mm
Constructional height	69 mm
Height	73 mm
Length of the solder pin	4 mm
Pin dimensions	3 x 3 mm

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## Technical data

### Dimensions

Pin spacing	13.8 mm
Hole diameter	4.8 mm

### General

Range of articles	MKDSP 95/...-F
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 <sup>2</sup>
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	2
Screw thread	M8
Tightening torque, min	10 Nm

### Connection data

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

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## Technical data

### Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	25 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	16 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	25 mm <sup>2</sup>

### Standards and Regulations

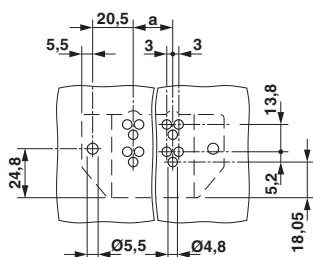
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

### Environmental Product Compliance

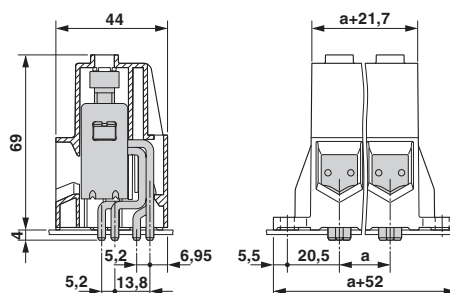
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

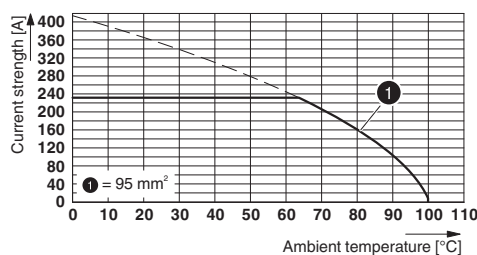
Drilling diagram



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

# PCB terminal block - MKDSP 95/ 2-20,0-F - 1841869

## Approvals

Approvals

VDE Zeichengenehmigung / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

### Approval details

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

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-55351-B1
mm <sup>2</sup> /AWG/kcmil	10-95		
Nominal current IN	232 A		
Nominal voltage UN	1000 V		

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19770427
	B	C	
mm <sup>2</sup> /AWG/kcmil	6-3/0	6-3/0	
Nominal current IN	200 A	200 A	
Nominal voltage UN	600 V	600 V	