

PCB terminal block - MKDSP 95/ 4-20,0-F - 1841885

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PCB terminal block, Nominal current: 232 A, Nom. voltage: 1000 V, Pitch: 20 mm, Number of positions: 4, 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	1 STK
Minimum order quantity	5 STK
Weight per Piece (excluding packing)	428.000 g
Custom tariff number	85369010
Country of origin	Slovakia

Technical data

Dimensions

Length	44 mm
Pitch	20.00 mm
Dimension a	60 mm
Width	112 mm
Constructional height	69 mm
Height	73 mm

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Technical data

Dimensions

Length of the solder pin	4 mm
Pin dimensions	3 x 3 mm
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)	8 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	4
Screw thread	M8
Tightening torque, min	10 Nm

Connection data

Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	95 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

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Technical data

Connection data

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

Standards and Regulations

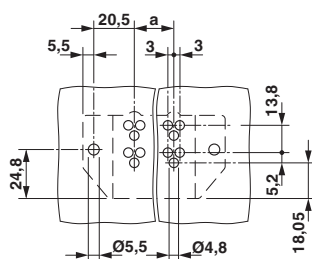
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Environmental Product Compliance

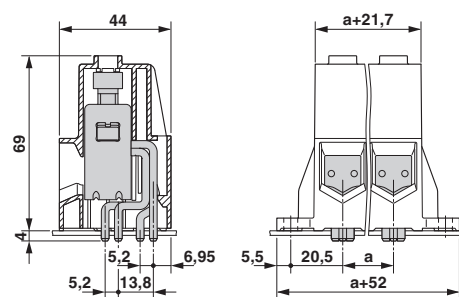
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

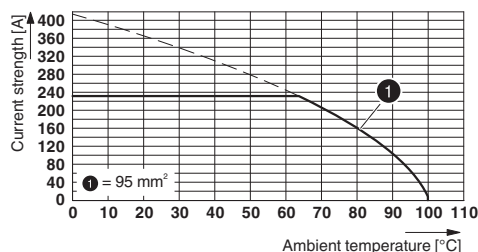


Dimensional drawing



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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

Classifications

eCl@ss

eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 5.0	EC002643
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Approvals

Approvals

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VDE Zeichengenehmigung / IEC CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

VDE Zeichengenehmigung  http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx 40041859	
mm²/AWG/kcmil	10-95

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Approvals

Nominal current I _N	232 A
Nominal voltage U _N	1000 V

IECEE CB Scheme  http://www.iecee.org/DE1-55351-B1	
mm ² /AWG/kcmil	10-95
Nominal current I _N	232 A
Nominal voltage U _N	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 I _N	200 A	200 A
Nominal voltage U _N	600 V	600 V