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

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The illustration shows the 3-pos. version

PCB terminal block, Nominal current: 232 A, Nom. voltage: 1000 V, Pitch: 20 mm, Number of positions: 4, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
Weight per Piece (excluding packing)	428.0 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	44 mm
Pitch	20 mm
Dimension a	60 mm
Width	112 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

General

Range of articles	MKDSP 95
Insulating material group	I

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Technical data

General

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 mm²
Maximum load current	232 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class 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 mm²
Conductor cross section solid max.	95 mm²
Conductor cross section flexible min.	25 mm²
Conductor cross section flexible max.	95 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	16 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	16 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm²
Conductor cross section AWG min.	6
Conductor cross section AWG max.	3/0
2 conductors with same cross section, solid min.	16 mm²
2 conductors with same cross section, solid max.	25 mm²
2 conductors with same cross section, stranded min.	16 mm²
2 conductors with same cross section, stranded max.	25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	25 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	16 mm²

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Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	25 mm²

Classifications

eCl@ss

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

ETIM

ETIM 5.0	EC002643

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Zeichengenehmigung / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm²/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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Approvals

cUL Recognized

	B	C
mm²/AWG/kcmil	6-3/0	6-3/0
Nominal current IN	200 A	200 A
Nominal voltage UN	600 V	600 V

VDE Zeichengenehmigung

mm²/AWG/kcmil	10-95
Nominal current IN	232 A
Nominal voltage UN	1000 V

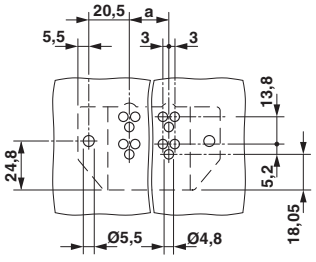
IECEE CB Scheme

mm²/AWG/kcmil	10-95
Nominal current IN	232 A
Nominal voltage UN	1000 V

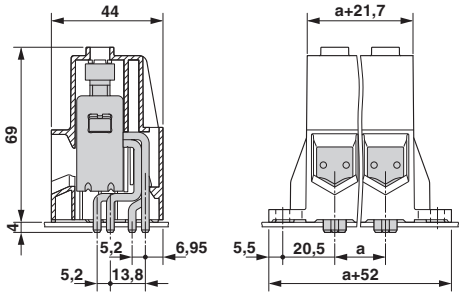
cULus Recognized

Drawings

Drilling diagram

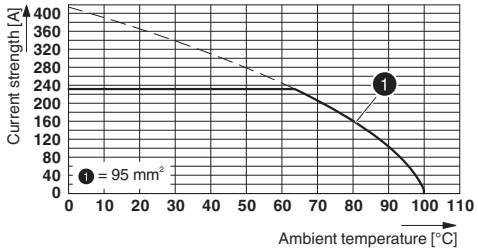


Dimensional drawing



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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

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