

PCB connection terminal block - MKDSP 50/ 3-17,5 - 1856139

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PCB terminal block, Nominal current: 192 A, Nom. voltage: 1000 V, Pitch: 17.5 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Product Features

- Integrated test connection
- Unlimited 600 V UL approval
- Integrated protective guide
- 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 terminal sleeve



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85369010
Country of origin	China

Technical data

Dimensions

Length	32 mm
Pitch	17.5 mm
Dimension a	35 mm
Width	55 mm
Constructional height	55 mm
Height	59 mm
Length of the solder pin	4 mm
Pin dimensions	1,4 x 1,4 mm

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Technical data

Dimensions

Hole diameter	2.4 mm
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General

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	192 A
Nominal cross section	50 mm ²
Maximum load current	192 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	20 mm
Number of positions	3
Screw thread	M6
Tightening torque, min	5.5 Nm

Connection data

Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	70 mm ²
Conductor cross section flexible min.	1.5 mm ²
Conductor cross section flexible max.	70 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	2/0
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm ²
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Classifications

eCl@ss

eCl@ss 5.1	27141134
eCl@ss 6.0	27141134

ETIM

ETIM 5.0	EC002643
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Approvals

Approvals

Approvals


cULus Recognized / VDE Zeichengenehmigung / IECEE CB Scheme

Ex Approvals

Approvals submitted

Approval details

cULus Recognized		
	B	C
mm ² /AWG/kcmil	16-2/0	16-2/0
Nominal current I _N	160 A	160 A
Nominal voltage U _N	600 V	600 V

VDE Zeichengenehmigung 	
mm ² /AWG/kcmil	10-95

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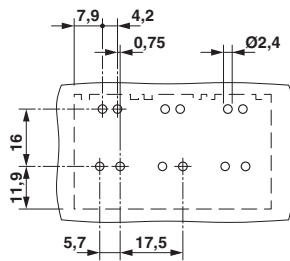
Approvals

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

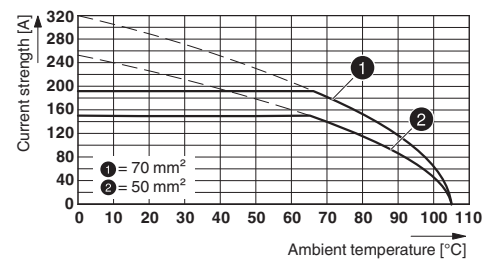
IECEE CB Scheme	
mm ² /AWG/kcmil	10-95
Nominal current I _N	232 A
Nominal voltage U _N	1000 V

Drawings

Drilling diagram



Diagram



Type: MKDSP 50/..-17,5-F

Dimensional drawing

