



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PCB connection terminal block - MKDSP 50/ 2-17,5-F - 1856171

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PCB terminal block, Nominal current: 192 A, Nom. voltage: 1000 V, Pitch: 17.5 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green

The figure shows a 3-position 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
- ✓ Mounting flanges reduce the mechanical strain on the soldering spots
- ✓ Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	98.000 g
Custom tariff number	85369010
Country of origin	China

Technical data

Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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Dimensions

Length	32 mm
Pitch	17.50 mm
Dimension a	17.5 mm

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Technical data

Dimensions

Width	62.7 mm
Constructional height	55 mm
Height	59 mm
Length of the solder pin	4 mm
Pin dimensions	1,4 x 1,4 mm
Hole diameter	2.4 mm

General

Range of articles	MKDSP 50/...-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	192 A
Nominal cross section	70 mm ²
Maximum load current	192 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	20 mm
Number of positions	2
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

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Technical data

Connection data

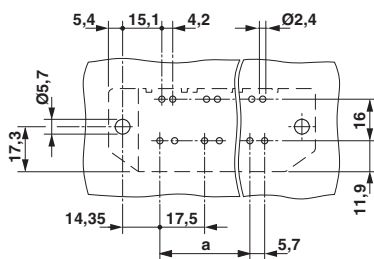
Conductor cross section AWG max.	2/0
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm ²

Standards and Regulations

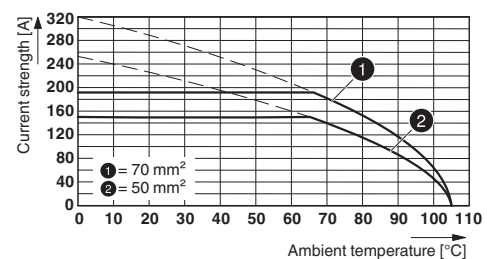
Connection in acc. with standard	EN-VDE
Flammability rating according to UL 94	V0

Drawings

Drilling diagram

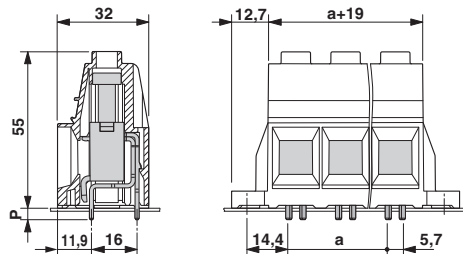


Diagram



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

Dimensional drawing



Classifications

eCl@ss

eCl@ss 5.1	27141134
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Classifications

eCl@ss

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

Approvals


cULus Recognized / VDE Zeichengenehmigung / IECCEB Scheme / EAC

Ex Approvals


Approval details

cULus Recognized <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> E60425-19770427

	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  <http://www.vde.de> 40041859

mm ² /AWG/kcmil	1.5-70
Nominal current I _N	192 A
Nominal voltage U _N	1000 V

IECCEB Scheme  <http://www.iecceb.org/> DE1-55973

mm ² /AWG/kcmil	1.5-70
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Approvals

Nominal current I _N	192 A
Nominal voltage U _N	1000 V

EAC B.01742
