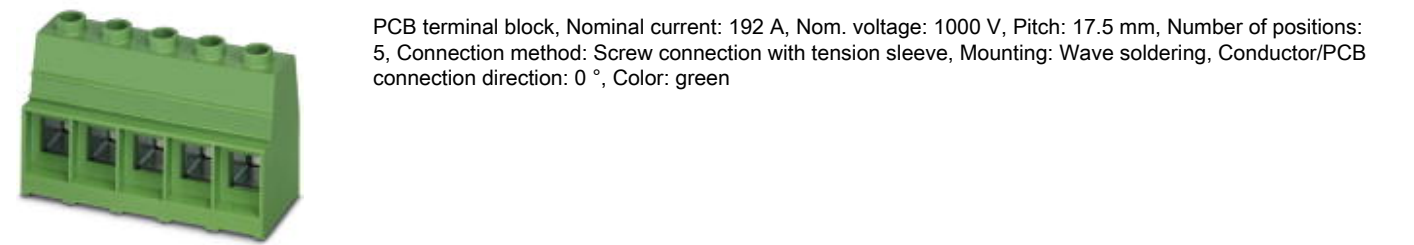


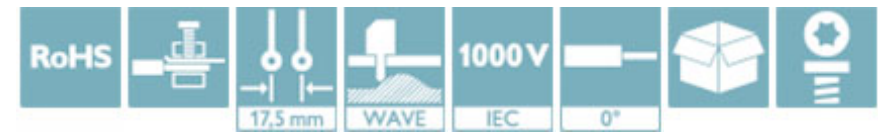
PCB terminal block - MKDSP 50/ 5-17,5 - 1856155

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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	10 STK
GTIN	 4 055626 029047
GTIN	4055626029047
Custom tariff number	8536909000
Sales Key	AABHDA

Technical data

Dimensions

Length	32 mm
Pitch	17.5 mm
Dimension a	70 mm
Width	90 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

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PCB terminal block - MKDSP 50/ 5-17,5 - 1856155

Technical data

General

Range of articles	MKDSP 50
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	5
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.	25 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
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<https://www.phoenixcontact.com/cn/products/1856155>

PCB terminal block - MKDSP 50/ 5-17,5 - 1856155

Technical data

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Approvals

Approvals

Approvals

cULus Recognized / VDE Zeichengenehmigung / IECCE CB Scheme / EAC

Ex Approvals

Approval details

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-19770427		
	B	C
mm²/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.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx 40041859	
mm²/AWG/kcmil	1.5-70
Nominal current I _N	192 A
Nominal voltage U _N	1000 V

IECCE CB Scheme  http://www.iecee.org/ DE1-55973	
mm²/AWG/kcmil	1.5-70
Nominal current I _N	192 A
Nominal voltage U _N	1000 V

02/21/2017 Page 3 / 4

PCB terminal block - MKDSP 50/ 5-17,5 - 1856155

Approvals

EAC		B.01742
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