

<https://www.phoenixcontact.com/cn/products/1932575>

PCB terminal block - MKDSP 25/ 1-15,00-FL - 1932575

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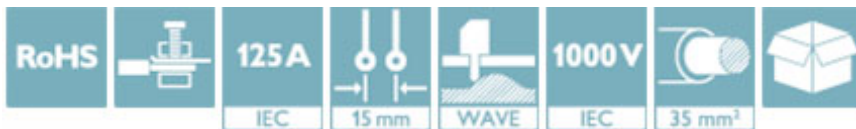


PCB terminal block, Nominal current: 125 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 1, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green, Avoid placing permanent mechanical loads on the terminal


The figure shows a 1-pos. version of the product

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	25 STK
Minimum order quantity	25 STK
GTIN	 4 017918 902018
GTIN	4017918902018
Custom tariff number	8536909000
Sales Key	AABFAA

Technical data

Dimensions

Length	31 mm
Pitch	15 mm
Constructional height	39 mm
Pin dimensions	1,2 x 1,2 mm
Hole diameter	1.6 mm

General

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Technical data

General

Range of articles	MKDSP 25/..-FL
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	125 A
Nominal cross section	35 mm ²
Maximum load current	125 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	B7
Stripping length	18 mm
Number of positions	1
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	4.5 Nm
Note	Tightening torque $\leq 25 \text{ mm}^2$ is 2.5 Nm, $> 25 \text{ mm}^2$ is 4.5 Nm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	35 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 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.	35 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	2
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²

Standards and Regulations

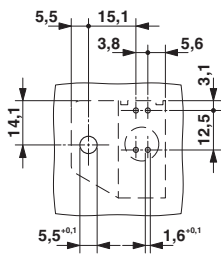
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

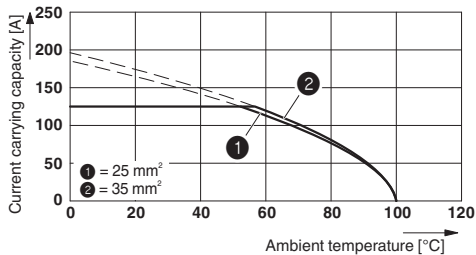
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

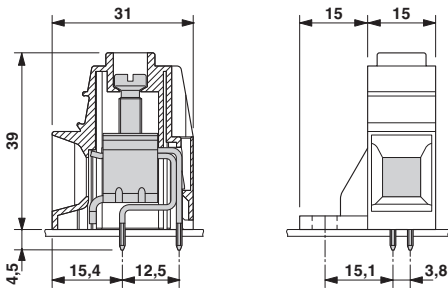


Diagram



Type: MKDSP 25/...-15,00
Tested in accordance with DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5

Dimensional drawing



Approvals

Approvals

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Approvals


Approvals


SEV / IECCEB Scheme / EAC / cULus Recognized / IECCEB Scheme


Ex Approvals


Approval details

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3542-M1
mm ² /AWG/kcmil		35	
Nominal current I _N		125 A	
Nominal voltage U _N		1000 V	

IECCEB Scheme		http://www.iecee.org/	CH-8225
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EAC			B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
		B	C
mm ² /AWG/kcmil		20-2	20-2
Nominal current I _N		115 A	115 A
Nominal voltage U _N		600 V	600 V

IECCEB Scheme		http://www.iecee.org/	CH-8225
mm ² /AWG/kcmil		35	
Nominal current I _N		125 A	
Nominal voltage U _N		1000 V	

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