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PCB terminal block - MKDSP 25/ 3-15,00 - 1932591

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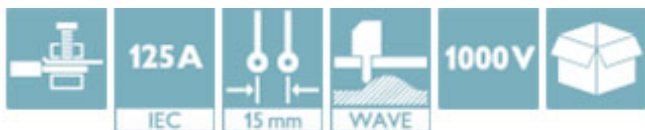


PCB terminal block, Nominal current: 125 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 3, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green, Avoid placing permanent mechanical loads on the terminal

The figure shows a 5-pos. version of the product

Why buy this product

- Integrated test connection
- High-capacity PCB terminal blocks with screw connection up to 35 mm² conductor cross section and a current carrying capacity of 125 A
- Unlimited 600 V UL approval
- Integrated protective guide



Key Commercial Data

Packing unit	25 STK
GTIN	4 017918 902094

Technical data

Dimensions

Length	31 mm
Pitch	15.00 mm
Dimension a	30 mm
Width	45 mm
Constructional height	39 mm
Height	43.5 mm
Length of the solder pin	4.5 mm
Pin dimensions	1,2 x 1,2 mm
Hole diameter	1.6 mm

General

Range of articles	MKDSP 25
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Technical data

General

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	3
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 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / SEV / cUL Recognized / CCA / IECCEB Scheme / SEV / EAC / cULus Recognized


Ex Approvals

PCB terminal block - MKDSP 25/ 3-15,00 - 1932591


Approvals

Approvals submitted

Approval details

UL Recognized 		
	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

SEV	
mm ² /AWG/kcmil	35
Nominal current I _N	125 A
Nominal voltage U _N	1000 V

cUL Recognized 		
	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

CCA

IECEE CB Scheme 	
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SEV	
mm ² /AWG/kcmil	35
Nominal voltage U _N	1000 V

EAC

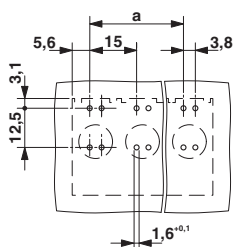
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Approvals

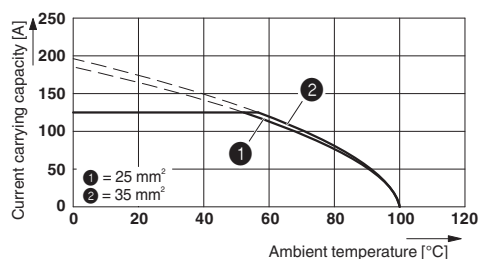
cULus Recognized US

Drawings

Drilling diagram

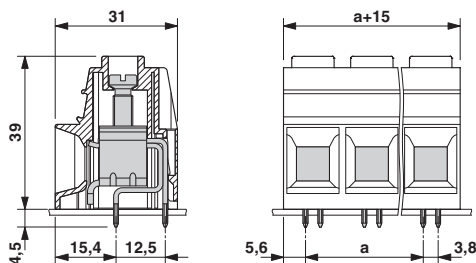


Diagram



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



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Product	Code	Reference	Product link
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