

PCB terminal block - MKDSP 25/ 2-15,00 - 1932588

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



PCB terminal block, Nominal current: 125 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, For PCB mounting, please note that the conductor tractive forces directly beside the PCB terminal blocks are absorbed by bolts fastened to the housing of the device.

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

Product Features

- ☒ 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

package_quantity	25
GTIN	4017918902087

Technical data

Dimensions

Length	31 mm
Pitch	15 mm
Dimension a	15 mm
Pin dimensions	1,2 x 1,2 mm
Hole diameter	1.6 mm

General

Range of articles	MKDSP 25
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

PCB terminal block - MKDSP 25/ 2-15,00 - 1932588

Technical data

General

Maximum load current	125 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	B 7
Stripping length	18 mm
Number of positions	2
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	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 stranded min.	0.5 mm ²
Conductor cross section stranded max.	35 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil 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
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
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	2

classifications

eCl@ss

eCl@ss 4.0	27141109
------------	----------

PCB terminal block - MKDSP 25/ 2-15,00 - 1932588

classifications

eCl@ss

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	27440402

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

UL Recognized / SEV / cUL Recognized / GOST / CCA / IECEE CB Scheme / GOST / cULus Recognized /

Approval details

UL Recognized 			
Usegroups	B	C	
Nominal voltage UN	600 V	600 V	600 V
Nominal current IN	115 A	115 A	125 A
mm²/AWG/kcmil	20-2	20-2	8-2

SEV	
Nominal voltage UN	1000 V
Nominal current IN	
mm²/AWG/kcmil	35

cUL Recognized 

PCB terminal block - MKDSP 25/ 2-15,00 - 1932588

approvals

Usegroups	B	C	
Nominal voltage UN	600 V	600 V	600 V
Nominal current IN	115 A	115 A	125 A
mm²/AWG/kcmil	20-2	20-2	8-2

GOST 

CCA

IECEE CB Scheme 



cULus Recognized 

accessories

Test plug terminal block

RPS - 0201647



Screwdriver tools

SZS 1,0X6,5 VDE - 1205079



PCB terminal block - MKDSP 25/ 2-15,00 - 1932588

accessories

Terminal marking

ZBF 15:UNBEDRUCKT - 0811202



accessories

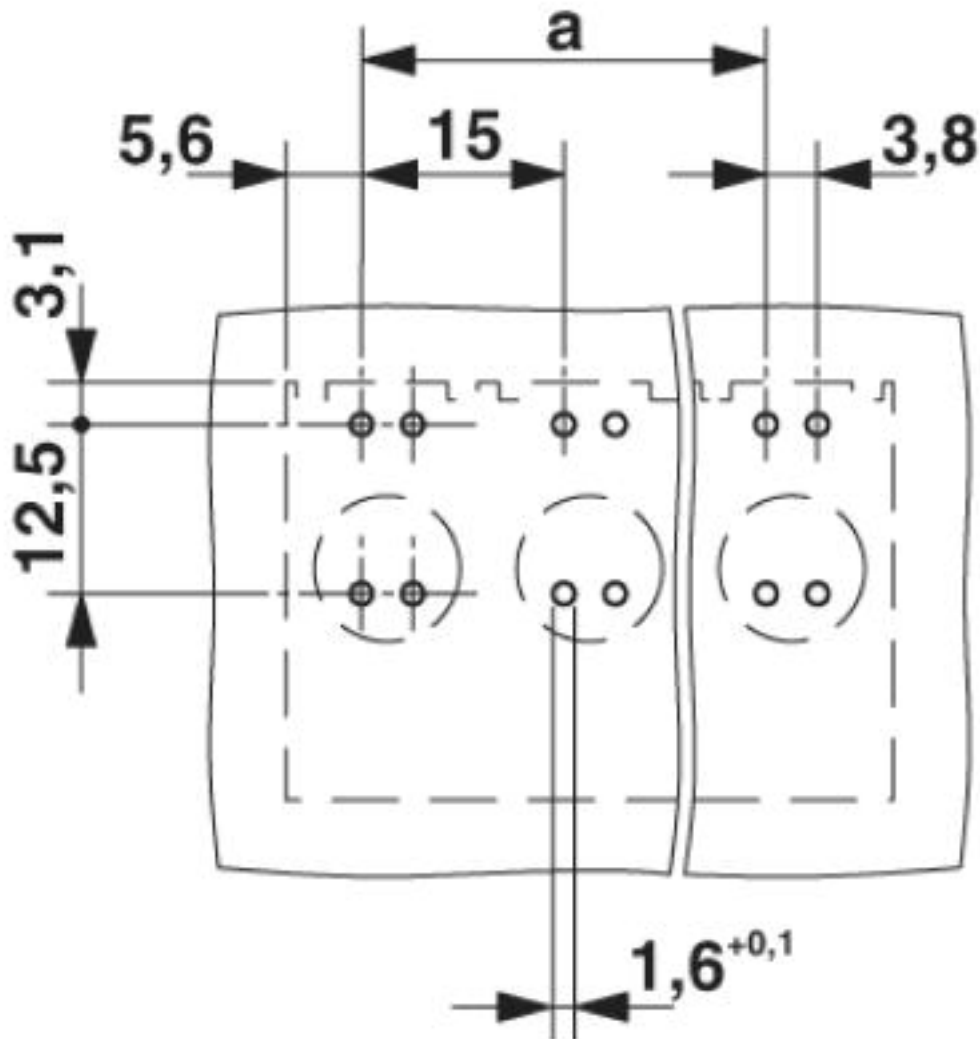
SK 15/5:UNBEDRUCKT - 0811192



Drawings

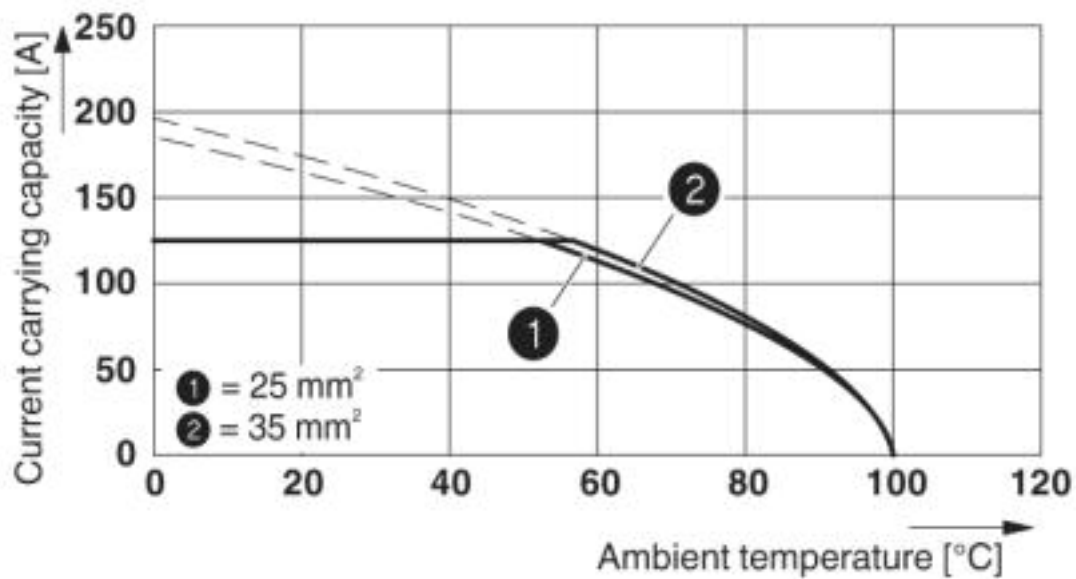
PCB terminal block - MKDSP 25/ 2-15,00 - 1932588

Drilling diagram



PCB terminal block - MKDSP 25/ 2-15,00 - 1932588

Diagram



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

Dimensioned drawing

