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

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

PCB terminal block, Nominal current: 125 A, Nom. voltage: 1000 V, Pitch: 15 mm, Number of positions: 3, 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.

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 pc
Minimum order quantity	25 pc
GTIN	4 017918 902094
Weight per Piece (excluding packing)	62.76 g
Custom tariff number	85369010
Country of origin	Bulgaria

Technical data

Dimensions

Length	31 mm
Pitch	15 mm
Dimension a	30 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

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Technical data

General

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	50 mm²
Maximum load current	125 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class 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

Connection data

Conductor cross section solid min.	6 mm²
Conductor cross section solid max.	50 mm²
Conductor cross section stranded min.	6 mm²
Conductor cross section stranded max.	50 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	1 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	35 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	35 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	2
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	6 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²

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Technical data

Connection data

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

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

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

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

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized

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

SEV

mm²/AWG/kcmil	35
Nominal current IN	125 A
Nominal voltage UN	1000 V

cUL Recognized

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

CCA

IECEE CB Scheme

SEV

mm²/AWG/kcmil	35
Nominal voltage UN	1000 V

EAC

cULus Recognized

Accessories

Accessories

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Accessories

Screwdriver tools

Screwdriver - SZS 1,0X6,5 VDE - 1205079

Screwdriver, slot-headed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

Terminal marking

Zack Marker strip, flat - ZBF 15:UNBEDRUCKT - 0811202

Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, Lettering field: 15 x 5.2 mm

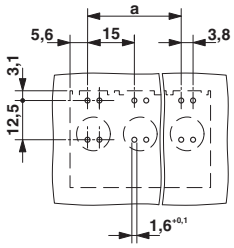
Test plug terminal block

Reducing plug - RPS - 0201647

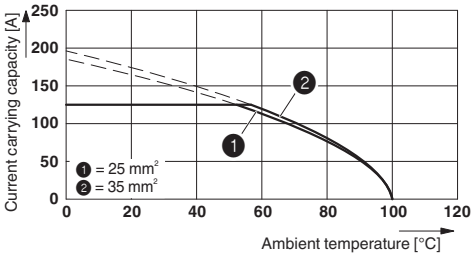
Reducing plug, Color: gray

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

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Dimensioned drawing