PCB terminal block - MKDSP 25/ 5-15,00 - 1932614

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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: 5, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, Avoid placing permanent mechanical loads on the terminal

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

Packing unit	1 pc
Minimum order quantity	25 pc
Weight per Piece (excluding packing)	108.03 g
Custom tariff number	85369010
Country of origin	Bulgaria

Technical data

Dimensions

Length	31 mm
Pitch	15.00 mm
Dimension a	60 mm
Width	75 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

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Technical data

Dimensions

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 mm²
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	5
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	4.5 Nm
Note	Tightening torque ≤ 25 mm² is 2.5 Nm, > 25 mm² is 4.5 Nm

Connection data

Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	35 mm²
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	35 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	35 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	2
2 conductors with same cross section, solid min.	0.5 mm²

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Technical data

Connection data

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
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

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

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Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

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

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Approvals

IECEE CB Scheme

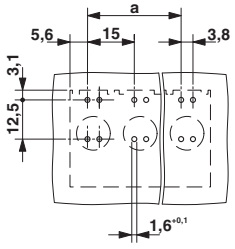
SEV	
mm²/AWG/kcmil	35
Nominal voltage UN	1000 V

EAC

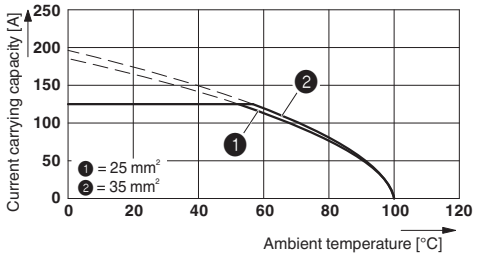
cULus Recognized

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