PCB terminal block - MKDS 3/ 8-5,08 - 1712708

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The illustration shows a combination as a 15-position version

PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 8, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

Key commercial data

package_quantity	50
GTIN	4017918023836

Technical data

Dimensions

Length	11.2 mm
Height	18 mm
Pitch	5.08 mm
Dimension a	35.56 mm
Pin dimensions	0,9 x 0,9 mm
Pin spacing	15.24 mm
Hole diameter	1.3 mm

General

Range of articles	MKDS 3
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal cross section	2.5 mm²
Maximum load current	28 A (with 4 mm² conductor cross section)
Insulating material	PA
Solder pin surface	Sn

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Technical data

General

Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Number of positions	8
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 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.	1.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190

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classifications

eCl@ss

eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
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

CSA / UL Recognized / SEV / cUL Recognized / GOST / GL / CCA / GOST / cULus Recognized /

Approval details

CSA

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	28-12	28-12

UL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm²/AWG/kcmil	30-12	30-12

SEV	
Nominal voltage UN	250 V
Nominal current IN	

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approvals

mm²/AWG/kcmil	4

cUL Recognized

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	15 A	10 A
mm²/AWG/kcmil	30-12	30-12

GOST

GL

CCA

Nominal voltage UN	250 V
Nominal current IN	
mm²/AWG/kcmil	4

cULus Recognized

accessories

Screwdriver tools

SZS 0,6X3,5 - 1205053



Pitch spacer

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accessories

RZ 1,25-MKDS 3 - 1703047



Labeled terminal marker

SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Terminal marking

SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker pen

B-STIFT - 1051993



Bridge

EBP 2- 5 - 1733169



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accessories

EBP 3- 5 - 1733172



EBP 4- 5 - 1733185



EBP 5- 5 - 1733198



EBP 6- 5 - 1733208



accessories

SK 5,08/3,8:SO - 0805085



Drawings

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