

PCB terminal block - GKDS - 1706028

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 630 V, Pitch: 7.5 mm, Number of positions: 1, 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	4017918023324

Technical data

Dimensions

Length	19 mm
Height	19.5 mm
Width	7.5 mm
Pitch	7.5 mm
Pin dimensions	1,1 X 0,8 mm
Hole diameter	1.4 mm

General

Range of articles	GKDS
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	24 A
Nominal cross section	2.5 mm ²
Maximum load current	32 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	9 mm

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Technical data

General

Number of positions	1
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 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.	1 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	14

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	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

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classifications

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 / LR / RS / CCA / GOST / GOST /

Approval details

CSA 	
Nominal voltage UN	300 V
Nominal current IN	10 A
mm²/AWG/kcmil	22-12

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	250 V	50 V	300 V
Nominal current IN	15 A	15 A	10 A
mm²/AWG/kcmil	30-14	30-14	30-14

SEV	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	4

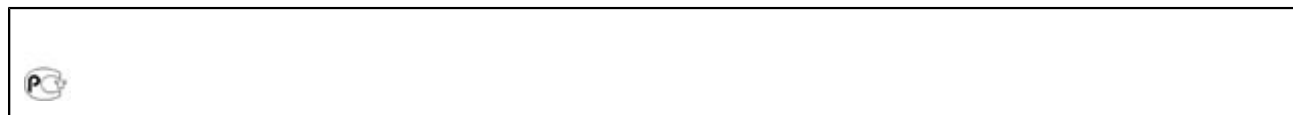
LR

RS

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approvals

CCA	
Nominal voltage UN	500 V
Nominal current IN	
mm²/AWG/kcmil	4



accessories

Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



Screwdriver tools

SZS 0,6X3,5 - 1205053



Marker pen

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accessories

B-STIFT - 1051993



Terminal marking

BN-ZB 7,5/WH:UNBEDRUCKT - 1401844



Bridge

EB 2- BK 4 - 0801157



EB 3- BK 4 - 0801144



EB 10- BK 4 - 0801131



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accessories

GRZ 2,5 - 1706057

TP-KDS/GKDS - 1701793



ZB 7,5,LGS:FORTL.ZAHLEN - 0803951



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