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PCB terminal block - GKDS/E - 1709025

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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

Packing unit	1 pc
GTIN	4 017918 023584
Weight per Piece (excluding packing)	4.54 GRM
Custom tariff number	85369010
Country of origin	Germany

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/E
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 mm²
Maximum load current	32 A
Insulating material	PA
Solder pin surface	Sn

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Technical data

General

Inflammability class according to UL 94	V2
Internal cylindrical gage	A3
Stripping length	9 mm
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 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 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.	0.5 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 mm²
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

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Classifications

eCl@ss

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

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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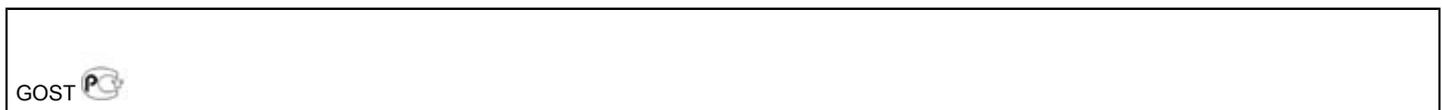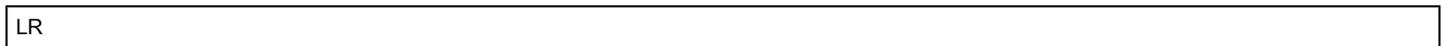CSA / UL Recognized / SEV / LR / BV / CCA / GOST / GOST

Ex Approvals

Approvals submitted

Approval details

CSA

PCB terminal block - GKDS/E - 1709025

Approvals

UL Recognized

SEV

LR

BV

CCA

GOST

GOST

Accessories

Accessories

Bridge

Insertion bridge - EB 2- BK 4 - 0801157

Insertion bridge, 2-pos., for strip terminal block, BK 4

Insertion bridge - EB 3- BK 4 - 0801144

Insertion bridge, 3-pos., for strip terminal block, BK 4

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Accessories

Insertion bridge - EB 10- BK 4 - 0801131

Insertion bridge, 10-pos., for strip terminal block, BK 4

Marker pen

Marker pen - B-STIFT - 1051993

Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Screwdriver tools

Screwdriver - SZS 0,6X3,5 - 1205053

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Marker pin Zack strip - BN-ZB 7,5/WH:UNBEDRUCKT - 1401844

Marker pin Zack strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Plug in, For terminal block width: 7.5 mm, Lettering field: 6 x 4 mm

Test plug terminal block

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Accessories

Reducing plug - RPS - 0201647

Reducing plug, For test plugs, Color: gray

Test plugs - MPS-MT - 0201744

Test plugs, Color: silver

PCB terminal block - GRZ/E 2,5 - 1709054

PCB terminal block - TP-KDS/GKDS - 1701793

PCB terminal block, Number of positions: 1