

PCB terminal block - FRONT 2,5-V/SA 5/ 8 BK GES.KLK - 1991778

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 8, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °

Key commercial data

package_quantity	10
GTIN	4017918965365

Technical data

Dimensions

Length	18.5 mm
Pitch	5 mm
Dimension a	35 mm
Pin dimensions	0,8 x 0,8 mm
Pin spacing	5 mm
Hole diameter	1.2 mm

General

Range of articles	FRONT 2,5-V/SA 5
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 mm ²
Solder pin surface	Sn
Internal cylindrical gage	A3
Stripping length	9 mm
Number of positions	8
Screw thread	M2,5
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

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Technical data

Connection data

Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.75 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.75 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.	0.34 mm ²
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
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 / cUL Recognized / GL / RS / GOST / GOST / cULus Recognized /

Approval details

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approvals

CSA 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	24-12	24-12

UL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	250 V	300 V	300 V
Nominal current IN	10 A	17 A	10 A
mm²/AWG/kcmil	30-12	30-12	30-12

cUL Recognized 			
Usegroups	B	C	D
Nominal voltage UN	250 V	300 V	300 V
Nominal current IN	10 A	17 A	10 A
mm²/AWG/kcmil	30-12	30-12	30-12

GL

RS

GOST 
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cULus Recognized 
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