PCB terminal block - FRONT 2,5-V/SA10 - 1700053

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PC terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 1, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green, The article can be aligned to create different nos. of positions!

Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 113 (CC-2007)
GTIN	4 017918 022747
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	18.5 mm
Height	31 mm
Pitch	5 mm
Number of positions	1
Pin dimensions	0,8 x 0,8 mm
Pin spacing	10 mm
Hole diameter	1.2 mm
Screw thread	M2,5
Tightening torque, min	0.4 Nm
Tightening torque max	0.5 Nm

Technical data

Range of articles	FRONT 2,5-V/SA10
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

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Technical data

Technical data

Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current IN	24 A
Nominal cross section	2.5 mm²
Maximum load current	17.5 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	9 mm
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group C	300 V
Nominal current, UL/CUL Use Group C	17 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 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.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	0.75 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	0.75 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.	0.34 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

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Classifications

eclass

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

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

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GOST / GL / RS / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

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

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Approvals

UL Recognized

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

cUL Recognized

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

GOST

GL

RS

GOST

cULus Recognized

Accessories

Accessories

Assembly

PCB terminal block - D-FRONT 2,5-V-O.Z. - 1700011

End cover, necessary at the end of a terminal row, 2.5 mm thick, color: green

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Accessories

PCB terminal block - RZ 2,5-FRONT 2,5 V - 1700082

Pitch spacer, raises the pitch by 2.5 mm, interlocks with terminal block of the same shape, color: green

Marking

Marker cards - SK 5/3,8:FORTL.ZAHLEN - 0804183

Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm

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

Insertion bridge - EBP 2- 5 - 1733169

Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2

Additional products

PCB terminal block - D-FRONT 2,5-V-O.Z. - 1700011

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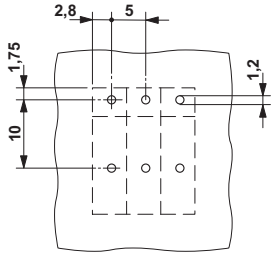
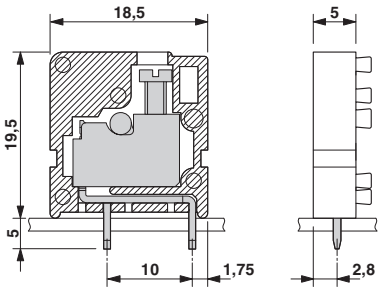
Drawings

PCB terminal block - FRONT 2,5-V/SA10 - 1700053

Drilling diagram



Dimensioned drawing



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