

PCB terminal block - MPT 0,5/ 9-2,54 - 1725724

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PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.54 mm, Number of positions: 9, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

The figure shows a 10-position version of the product

Why buy this product

- ✓ Single-row type with horizontal connection direction
- ✓ Use in miniature modules with high contact density
- ✓ MICRO PCB terminal block with 2.54 mm IC pitch
- ✓



Key commercial data

Packing unit	100 pc
GTIN	 4 017918 116323
Weight per Piece (excluding packing)	2.64 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	6.2 mm
Pitch	2.54 mm
Dimension a	20.32 mm
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm

General

Range of articles	MPT 0,5
Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	1.5 kV

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Technical data

General

Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	63 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal cross section	0.5 mm ²
Maximum load current	6 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	4.5 mm
Number of positions	9
Screw thread	M1,6
Tightening torque, min	0.12 Nm
Tightening torque max	0.15 Nm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	0.34 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.34 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	20
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.34 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.34 mm ²

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

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Classifications

eCl@ss

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

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA 	
	B
mm²/AWG/kcmil	28-20
Nominal current I _N	6 A
Nominal voltage U _N	125 V

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Approvals

UL Recognized 	
	B
mm²/AWG/kcmil	30-20
Nominal current I _N	6 A
Nominal voltage U _N	125 V

cUL Recognized 	
	B
mm²/AWG/kcmil	30-20
Nominal current I _N	6 A
Nominal voltage U _N	125 V

EAC

cULus Recognized 
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Accessories

Accessories

Labeled terminal marker

Marker card - SK 2,54/2,8:FORTL.ZAHLEN - 0804853



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 2.54 mm, Lettering field: 2.54 x 2.8 mm

Screwdriver tools

Screwdriver - SZS 0,4X2,0 - 1205202



Micro screwdriver, bladed, size: 0.4 x 2.0 x 60 mm, 2-component grip, with non-slip grip and twist cap

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Accessories

Terminal marking

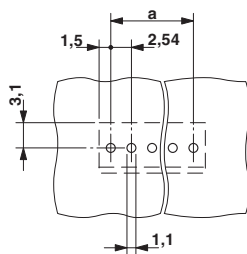
Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm

Drawings

Drilling diagram



Dimensional drawing

