

PCB terminal block - MPT 0,5/ 4-2,54 - 1725672

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The figure shows a 10-position version of the product


PCB terminal block, Nominal current: 6 A, Nom. voltage: 160 V, Pitch: 2.54 mm, Number of positions: 4, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Product Features

- 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	1 PCE
Minimum order quantity	50 PCE
Catalog page	Page 75 (CC-2011)
GTIN	 4 017918 116279
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	6.2 mm
Pitch	2.54 mm
Dimension a	7.62 mm
Number of positions	4
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm
Screw thread	M1,6

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Technical data

Dimensions / positions

Tightening torque, min	0.12 Nm
Tightening torque max	0.15 Nm

Technical data

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
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
Inflammability class according to UL 94	V0
Stripping length	4.5 mm
Nominal voltage, UL/CUL Use Group B	125 V
Nominal current, UL/CUL Use Group B	6 A

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.5 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.	0.34 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.	0.34 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil 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
Minimum AWG according to UL/CUL	30

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Technical data

Connection data

Maximum AWG according to UL/CUL	20
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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432
UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

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

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GOST / cULus Recognized


Ex Approvals


Approvals submitted


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Approvals


Approval details

CSA 	
	B
mm ² /AWG/kcmil	28-20
Nominal current I _N	6 A
Nominal voltage U _N	125 V

UL Recognized 	
	B
mm ² /AWG/kcmil	30-20
Nominal current I _N	6 A
Nominal voltage U _N	125 V

cUL Recognized 	
	B
mm ² /AWG/kcmil	30-20
Nominal current I _N	6 A
Nominal voltage U _N	125 V

GOST 	
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cULus Recognized 	
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Accessories

Accessories

Marking

PCB terminal block - MPT 0,5/ 4-2,54 - 1725672

Accessories

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



Marker cards, 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

Tools

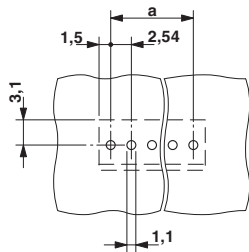
Screwdriver - SZS 0,4X2,0 - 1205202



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

Drawings

Drilling diagram



Dimensioned drawing

