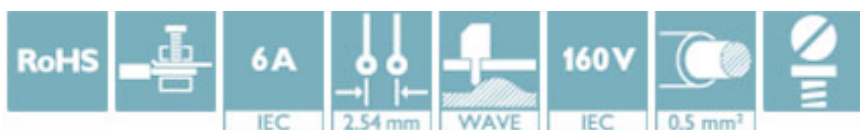



# PCB terminal block - MPT 0,5/ 2-2,54 BK - 1800001

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PCB terminal block, nominal current: 6 A, pitch: 2.54 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 034760
GTIN	4046356034760

## Technical data

### Dimensions

Length [ l ]	6.2 mm
Pitch	2.54 mm
Dimension a	2.54 mm
Width [ w ]	5.54 mm
Height	8.5 mm
Height [ h ]	12 mm
Solder pin [P]	3.5 mm
Hole diameter	1.1 mm

### General

Range of articles	MPT 0,5
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 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 <sup>2</sup>
Stripping length	4.5 mm
Number of positions	2

# PCB terminal block - MPT 0,5/ 2-2,54 BK - 1800001

## Technical data

### General

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

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Approvals

### Approvals

Approvals

CSA / EAC / cULus Recognized

Ex Approvals

### Approval details

# PCB terminal block - MPT 0,5/ 2-2,54 BK - 1800001

## Approvals

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	13631
		B	
Nominal voltage UN		125 V	
Nominal current IN		6 A	
mm <sup>2</sup> /AWG/kcmil		28-20	

EAC			B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19770427
		B	
Nominal voltage UN		125 V	
Nominal current IN		6 A	
mm <sup>2</sup> /AWG/kcmil		30-20	

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