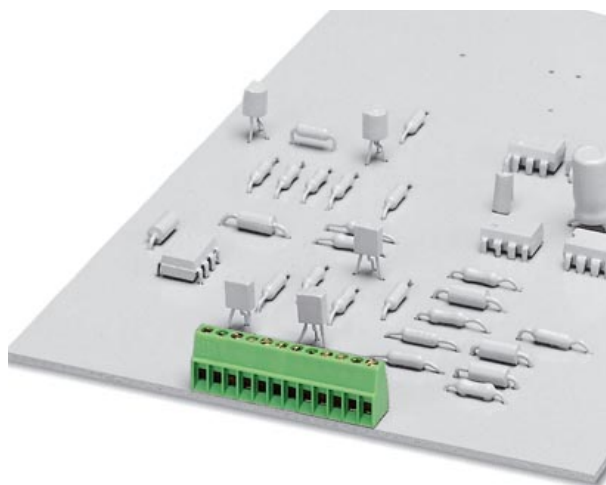


► General data



Printed circuit terminal block, nominal current: 6 A, rated voltage: 63 V, pitch: 2.54 mm, no. of positions: 12, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 0°

Order number	1725753
Type	MPT 0,5/12-2,54

Barcode number	4017918116354
Unit pack	50 Pcs.
Customs tariff	85369010000

► Technical data

Dimensions / positions

Pitch	2.54 mm
Dimension a	27.94 mm
Number of positions	12
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm
Screw thread	M 1,6
Tightening torque	0.12 Nm

Technical data

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/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal voltage U_N	63 V
Nominal cross section	0.5 mm ²
Maximum load current	6 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	4.5 mm

Connection data

Min. conductor cross section, rigid	0.14 mm ²
Conductor cross section, rigid max.	0.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Max. conductor cross section, flexible	0.5 mm ²
Min. conductor cross section, flexible, with ferrule with plastic sleeve	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
Max. conductor cross section, flexible, with ferrule with plastic sleeve	0.34 mm ²
Min. conductor cross section AWG/kcmil	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 of the same cross section, flexible, min.	0.14 mm ²
2 conductors with same cross section, flexible max.	0.34 mm ²

► Certificates

UL

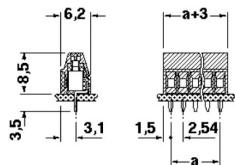
Nominal voltage U_N	125 V
Nominal current I_N	6 A
AWG/kcmil	30-20

CSA

Nominal voltage U_N	125 V
Nominal current I_N	6 A
AWG/kcmil	28-20

▶ Drawings

Dimensioned drawing



Approval logo



► Accessories

Item	Designation	Description
Marking		
0804853	SK 2,54/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks

Tools		
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade width: 2.5 mm, without approvals

► Address

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