

MPT 0,5/ 5-2,54

Order No.: 1725685

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1725685>

PC terminal block, Nominal current: 6 A, Nom. voltage: 63 V,
Pitch: 2.54 mm, Number of positions: 5, Type of connection: Screw
connection, Assembly: Soldering, Conductor/PCB connection
direction: 0 °, Color: green

Commercial data

EAN	4017918116286
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00153 KG
Catalog page information	Page 51 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
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Technical data

Dimensions / positions

Length	6.2 mm
Pitch	2.54 mm
Dimension a	10.16 mm

Number of positions	5
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm
Screw thread	M1,6
Tightening torque, min	0.12 Nm
Tightening torque max	0.15 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

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

Certificates / Approvals



Certification CSA, CUL, UL

CSA

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

CUL

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

UL

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

Accessories

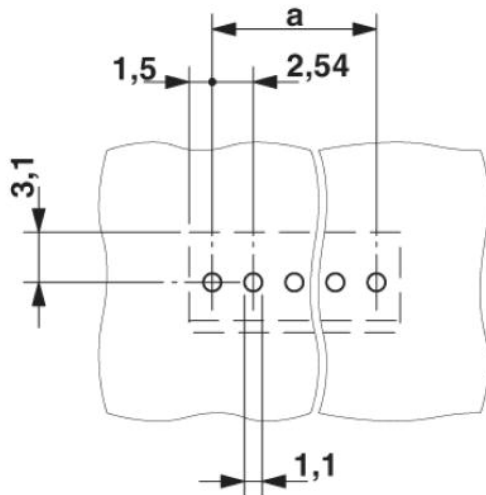
Item	Designation	Description
Marking		
0804853	SK 2,54/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks

Tools

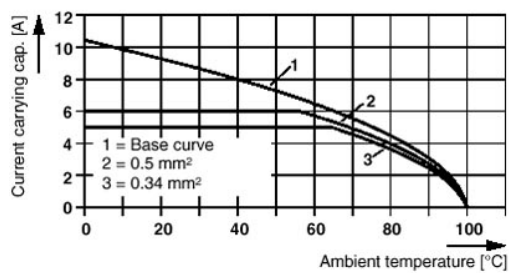
1205202	SZS 0,4X2,0	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade width: 2.5 mm, without approvals
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Diagrams/Drawings

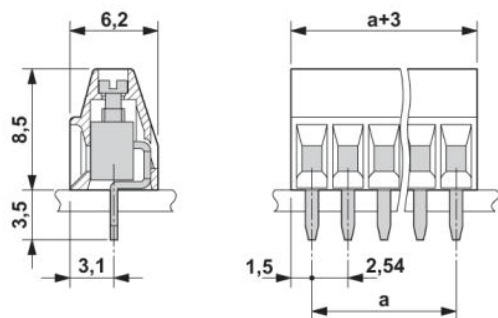
Drilling plan/solder pad geometry



Diagram



Dimensioned drawing



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