

ZEC 1,0/ 6-ST-3,5 C1 R1,6

Order No.: 1893724

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1893724>

Direct connectors, Nominal current: 8 A, Rated voltage (III/2): 200 V,
Pitch: 3.5 mm, Color: green, Metal surface: Sn, Assembly: Direct plug
connector

Commercial data	
GTIN (EAN)	4017918161279
sales group	E116
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.007726 KG
Catalog page information	Page 297 (CC-2009)

Product notesWEEE/RoHS-compliant since:
01/01/2003

<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 General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions	
Pitch	3.5 mm
Dimension a	21 mm
Number of positions	6

Technical data

Insulating material group	I
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/2)	200 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal voltage U_N	160 V
Nominal cross section	1 mm ²
Maximum load current	8 A (with 1 mm ² conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	7 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1 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.	1 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.	0.75 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16

Certificates / Approvals



Certification

CB, CUL, UL, VDE-PZI

CUL

Nominal voltage U_N	150 V
Nominal current I_N	8 A
AWG/kcmil	26-16

UL

Nominal voltage U_N	150 V
Nominal current I_N	8 A
AWG/kcmil	26-16

Accessories

Item	Designation	Description
0804073	SK 3,5/2,8: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

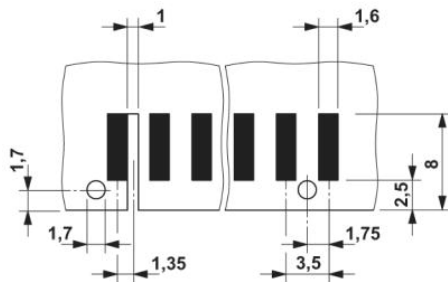
Tools

1204504	SZF 0-0,4X2,5	Screwdriver, blade: 0.4 x 2.5 x 100 mm, length 180 mm
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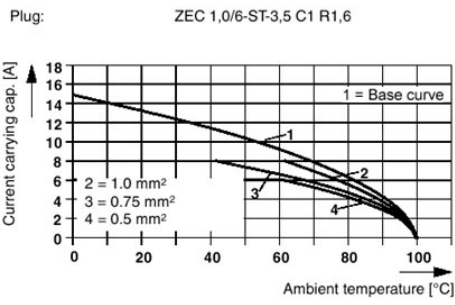
Diagrams/Drawings

Drilling plan/solder pad geometry

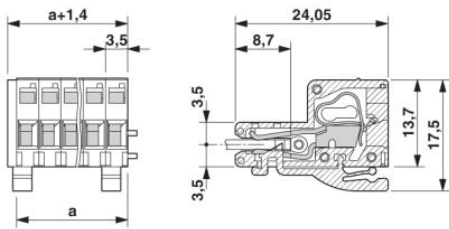
Size of the PCB: 1.6 ± 0.2 mm



Diagram



Dimensioned drawing



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