Printed-circuit board connector - ZEC 1,0/ 9-ST-3,5 C1 R1,9 - 1893753

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The figure shows a 10-position version of the product

Direct connector, Nominal current: 8 A, Rated voltage (III/2): 200 V, Number of positions: 9, Pitch: 3.5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, Mounting: Direct connector

Why buy this product

- Larger numbers of positions available on request
- Chamfer in the plug-in area has a positive effect on insertion and withdrawal forces/cycles
- Contact made directly on a 1.6 mm thick PCB without additional pin strips

Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 017918 161309
Weight per Piece (excluding packing)	10.8 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	3.5 mm
Dimension a	31.5 mm

General

Range of articles	ZEC 1,0/..-ST
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/3)	160 V
Rated voltage (III/2)	200 V

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Technical data

General

Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1 mm²
Maximum load current	8 A (with 1 mm² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	7 mm
Number of positions	9

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	1 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121

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Classifications

ETIM

ETIM 4.0	EC002637
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

	B
mm²/AWG/kcmil	26-16
Nominal current IN	8 A
Nominal voltage UN	150 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-1.0
Nominal current IN	8 A
Nominal voltage UN	160 V

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Approvals

cUL Recognized

	B
mm²/AWG/kcmil	26-16
Nominal current IN	8 A
Nominal voltage UN	150 V

IECEE CB Scheme

Nominal current IN	10 A
Nominal voltage UN	1000 V

CCA

Nominal current IN	10 A
Nominal voltage UN	1000 V

EAC

cULus Recognized

Accessories

Accessories

Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073

Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

Screwdriver tools

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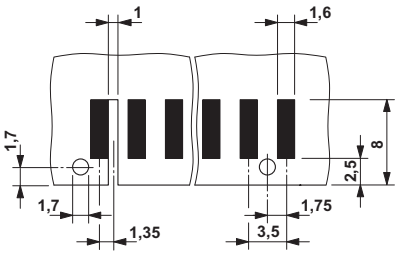
Accessories

Screwdriver - SZF 0-0,4X2,5 - 1204504

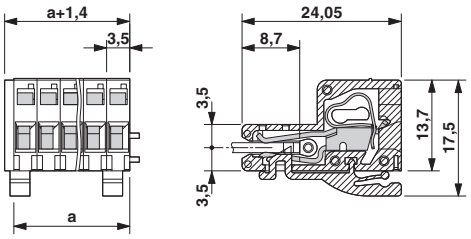
Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Drawings

Drilling diagram



Dimensioned drawing



Size of the PCB: 1.6 ± 0.2 mm

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