

Printed-circuit board connector - ZEC 1,5/ 3-ST-7,5 C2 R1,3 - 1883158

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Direct connector, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 7.5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin, Assembly: Direct connector



The illustration shows an 10-position version

Product Features

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



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	6.3 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	7.5 mm
Dimension a	22.5 mm

General

Range of articles	ZEC 1,5/...-ST
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	400 V

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Technical data

General

Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	10 A
Nominal cross section	1.5 mm ²
Maximum load current	10 A (with 1.5 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	3

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	1.5 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.	1.5 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.	1.5 mm ²
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 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	14

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

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Classifications

eCl@ss

eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121
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 / IECCE CB Scheme / GOST / GOST / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
mm²/AWG/kcmil	26-14	26-14
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-1.5
Nominal current I _N	10 A
Nominal voltage U _N	400 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	26-14	26-14
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

IECEE CB Scheme 	
Nominal current I _N	10 A
Nominal voltage U _N	1000 V

GOST 
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GOST 
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CCA	
Nominal current I _N	10 A
Nominal voltage U _N	1000 V

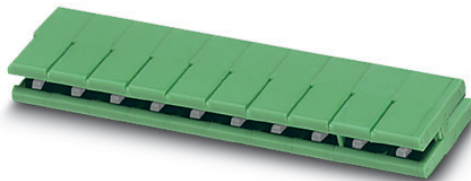
Approvals



Technical drawing of a mechanical part, likely a shaft or housing, showing dimensions in millimeters. The drawing includes a central section with a keyway and two side sections with holes. Dimensions are indicated by arrows and numbers:

- Overall length: 10,2
- Distance from left end to first hole center: 1,7
- Distance from first hole center to keyway center: 1,7
- Distance from keyway center to second hole center: 7,5
- Distance from second hole center to right end: 3,15
- Distance from left end to second hole center: 10,2
- Distance from keyway center to right end: 7,5
- Distance from second hole center to right end: 3,15
- Distance from left end to first hole center: 1,7
- Distance from first hole center to keyway center: 1,7
- Distance from keyway center to second hole center: 7,5
- Distance from second hole center to right end: 3,15
- Distance from left end to second hole center: 10,2
- Distance from keyway center to right end: 7,5
- Distance from second hole center to right end: 3,15
- Distance from left end to first hole center: 1,7
- Distance from first hole center to keyway center: 1,7
- Distance from keyway center to second hole center: 7,5
- Distance from second hole center to right end: 3,15
- Distance from left end to second hole center: 10,2
- Distance from keyway center to right end: 7,5
- Distance from second hole center to right end: 3,15

Column photo



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