

## ZEC 1,0/12-ST-3,5 C1 R1,12 GY - 1806448

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PCB direct plug, nominal current: 8 A, number of positions: 12, pitch: 3.5 mm, connection method: Spring-cage connection, color: gray, contact surface: Tin, mounting: Direct plug-in method

The figure shows a 10-position version of the product

### Your advantages

- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Inexpensive direct plug-in connection with just one component
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Plug-in direction parallel to the PCB



### Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356691451

### Technical data

#### Dimensions

Pitch	3.5 mm
Dimension a	38.5 mm

#### General

Range of articles	ZEC 1,0/..-ST
Number of positions	12
Connection method	Spring-cage connection
Rated voltage (III/3)	160 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Nominal cross section	1 mm <sup>2</sup>

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## Technical data

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Approvals


### Approvals

#### Approvals

EAC / cULus Recognized


#### Ex Approvals

### Approval details

EAC		B.01742
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### Approvals

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19941110
		B
Nominal voltage UN		150 V
Nominal current IN		8 A
mm <sup>2</sup> /AWG/kcmil		26-16

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