

## Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766

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PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin




The figure shows a 10-position version of the product

### Your advantages

- Time saving push-in connection, tools not required
- Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- Quick and convenient testing using integrated test option
- Can be combined with the MSTB 2,5 range



### Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 971120
GTIN	4017918971120

### Technical data

#### Dimensions

Length [ l ]	25.23 mm
Width [ w ]	25.1 mm
Height [ h ]	15 mm
Pitch	5 mm
Dimension a	20 mm

#### General

Range of articles	FKCS 2,5/...-ST
Number of positions	5
Connection method	Push-in spring connection
Insulating material group	I
Rated surge voltage (III/3)	4 kV

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## Technical data

### General

Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 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.	2.5 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.	2.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
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.	1.5 mm <sup>2</sup>
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

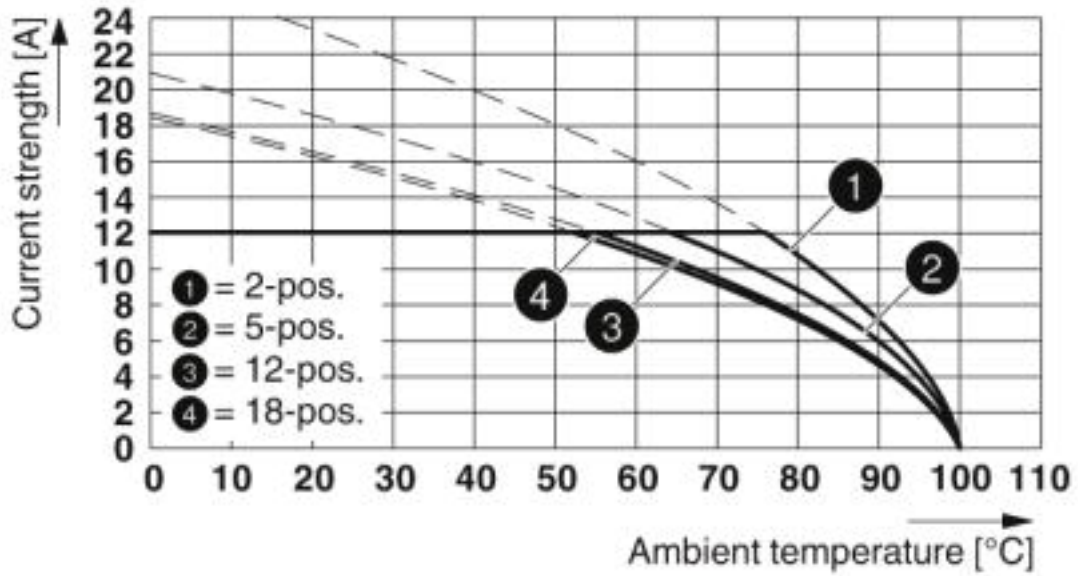
### Environmental Product Compliance

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

## Drawings

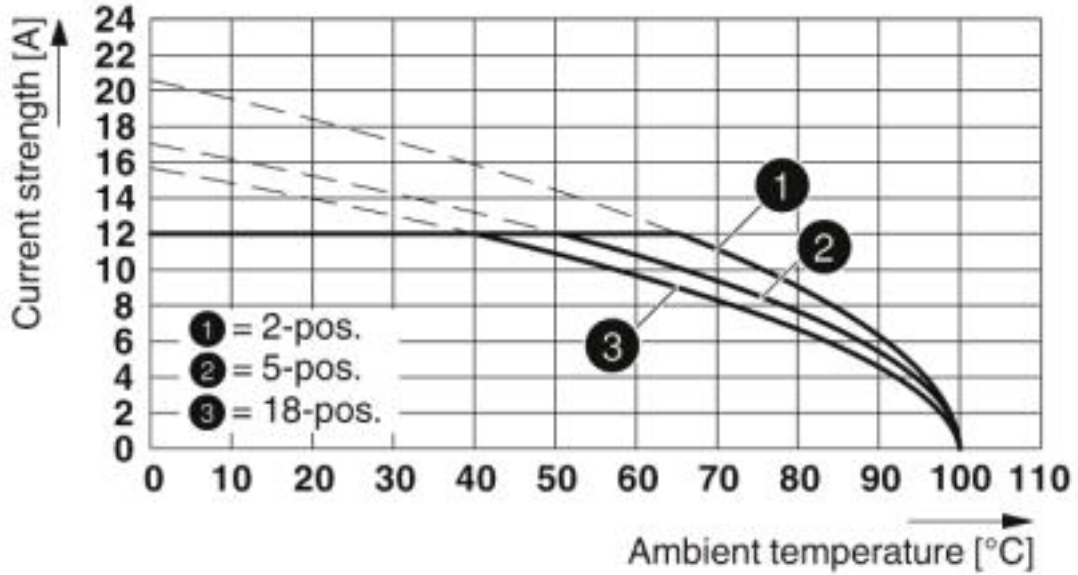
# Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766

Diagram



Type: FKCS 2,5/...-ST with MSTB 2,5/...-G

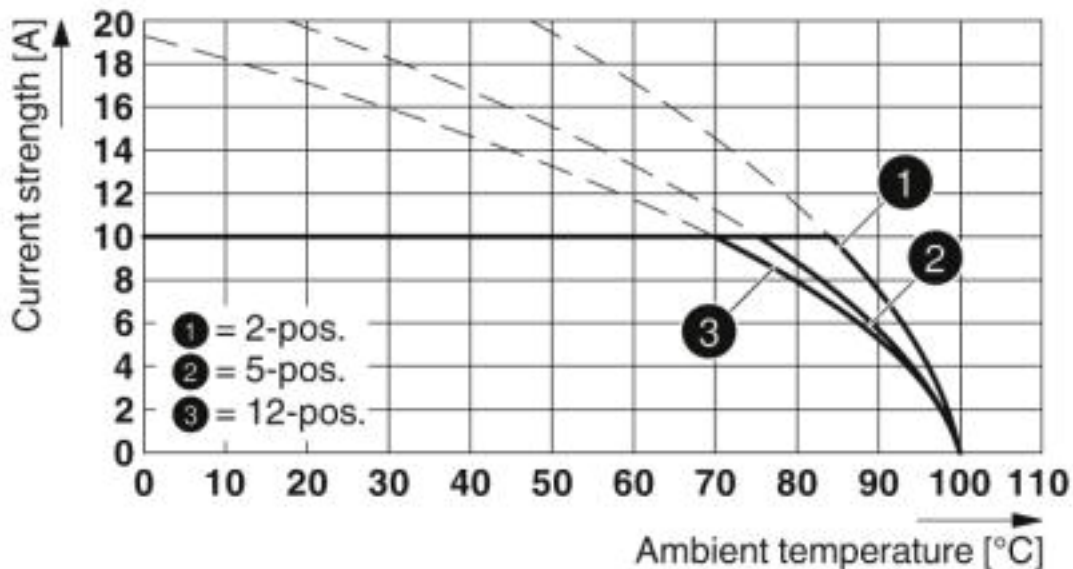
Diagram



Type: FKCS 2,5/...-ST with MSTBV 2,5/...-G

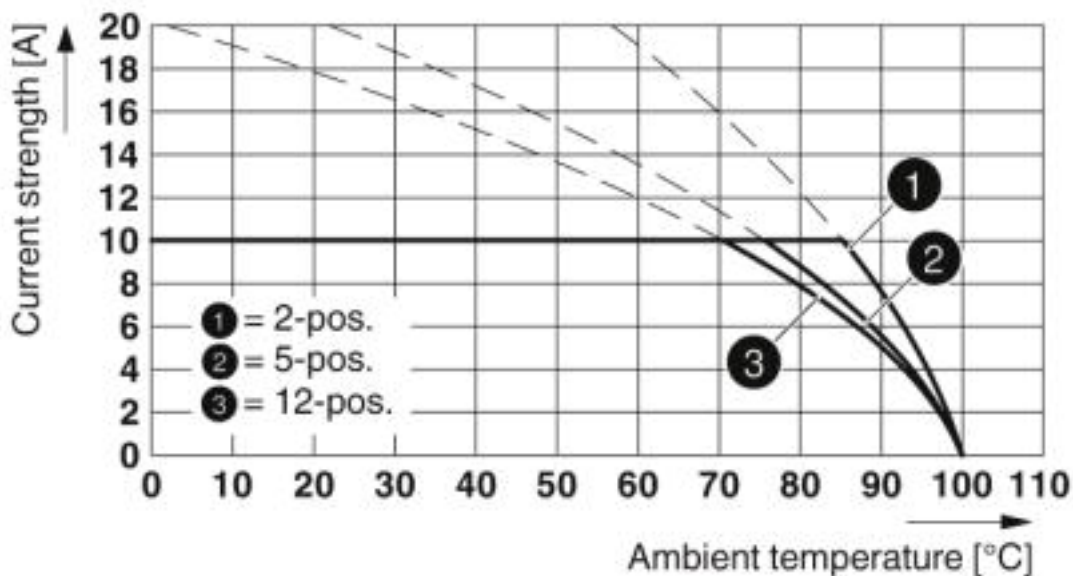
# Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766

Diagram



Type: FKCS 2,5/...-ST with MDSTB 2,5/...-G

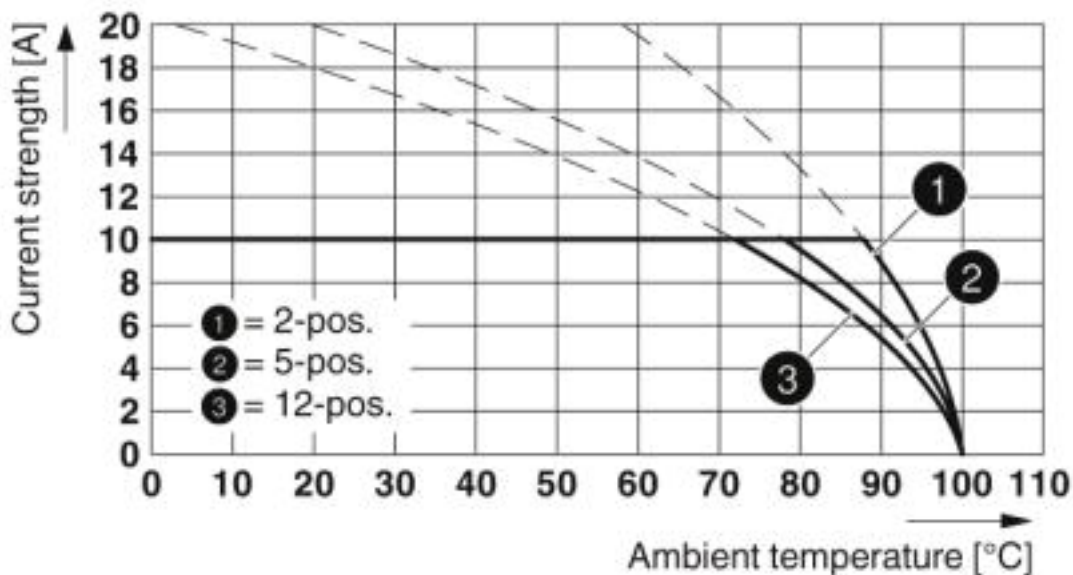
Diagram



Type: FKCS 2,5/...-ST with MDSTBW 2,5/...-G

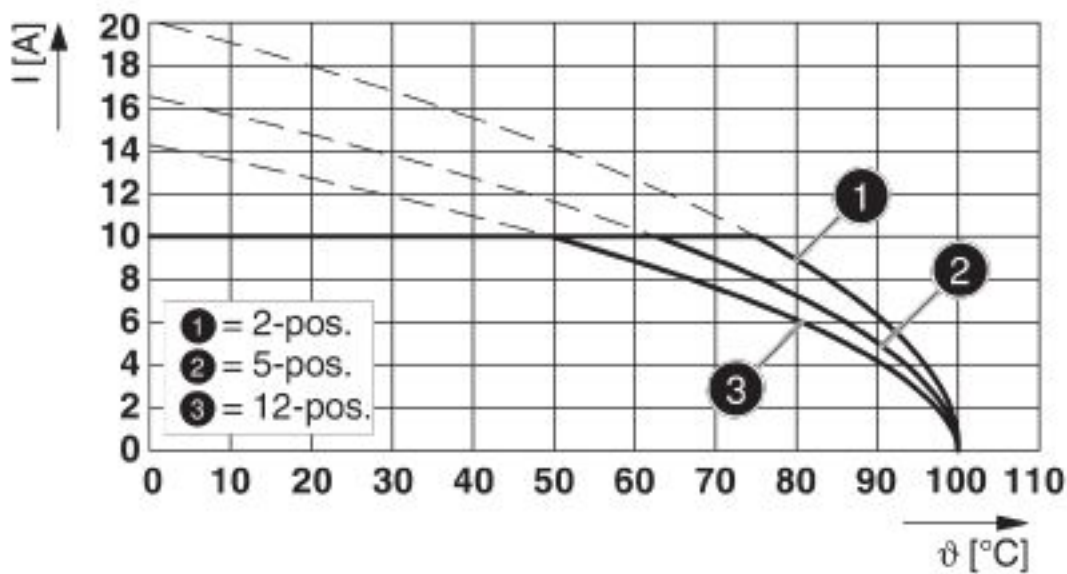
# Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766

Diagram



Type: FKCS 2,5/...-ST with MDSTBA 2,5/...-G

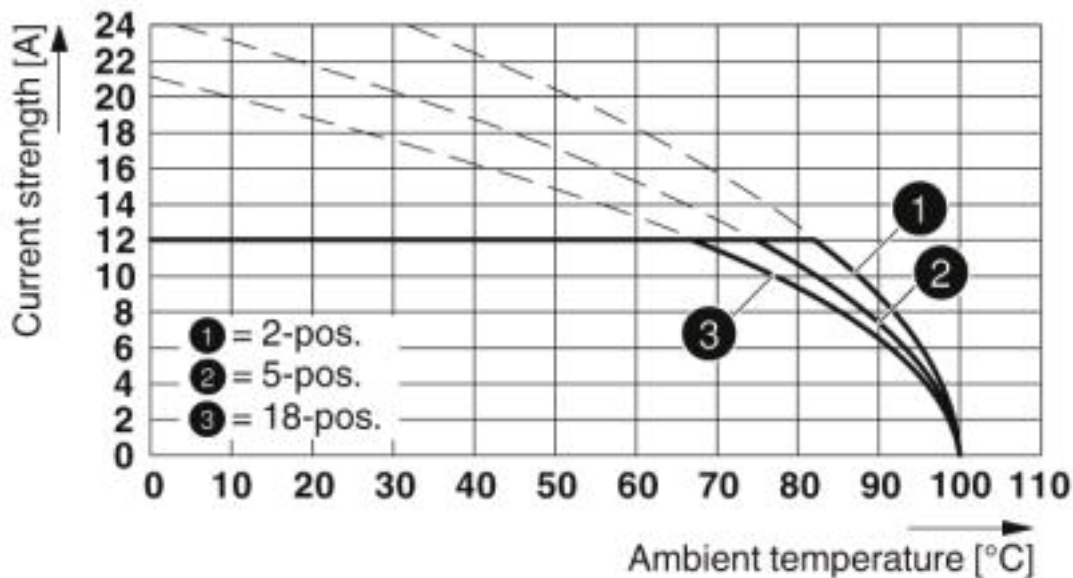
Diagram



Type: FKCS 2,5/...-ST with MDSTBVA 2,5/...-G

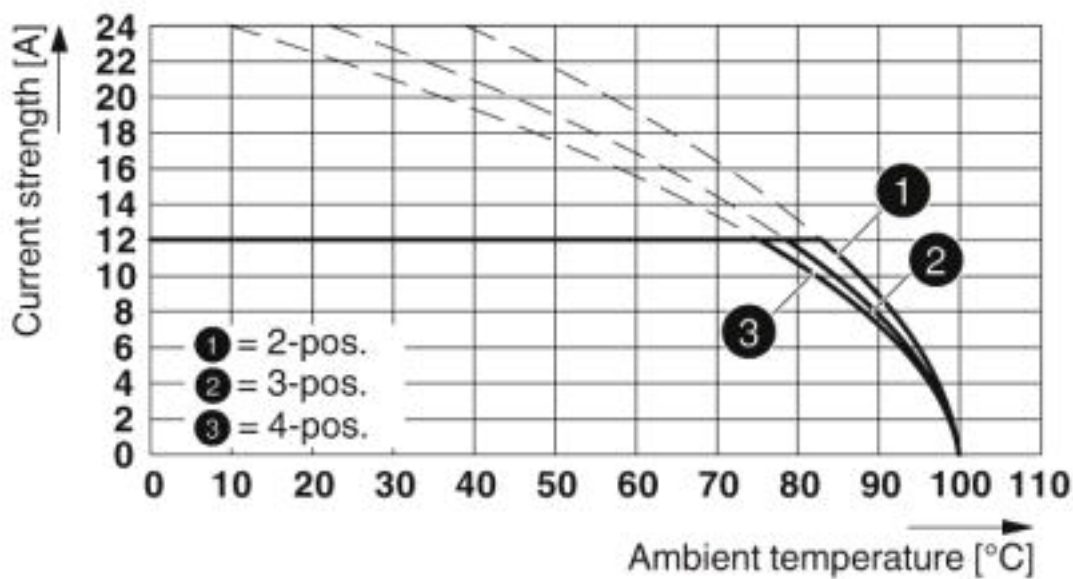
# Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766

Diagram



Type: FKCS 2,5/...-ST with SMSTBA 2,5/...-G

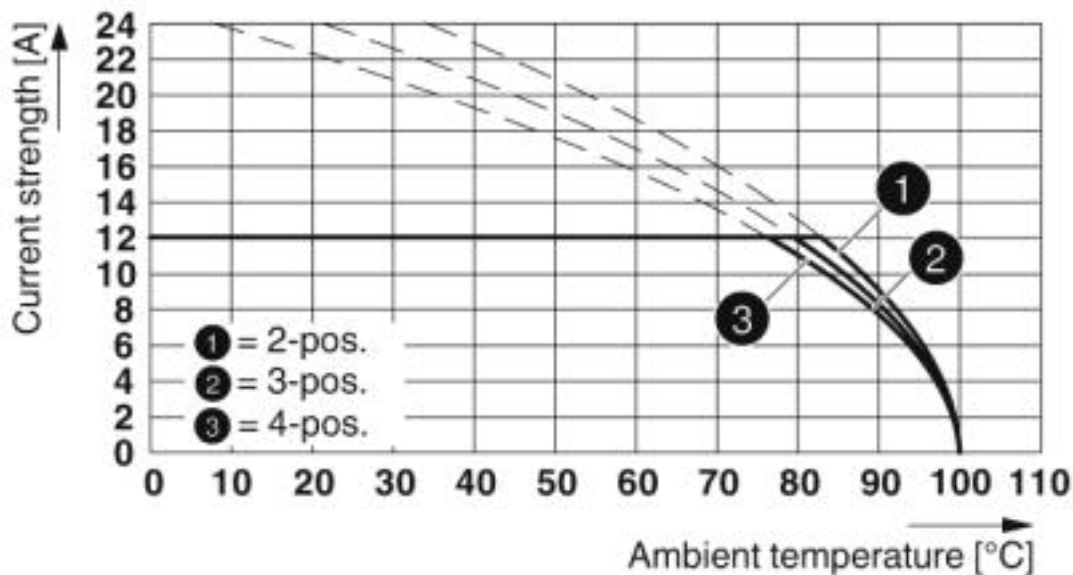
Diagram



Type: FKCS 2,5/...-ST with MSTBO 2,5/...-G1R

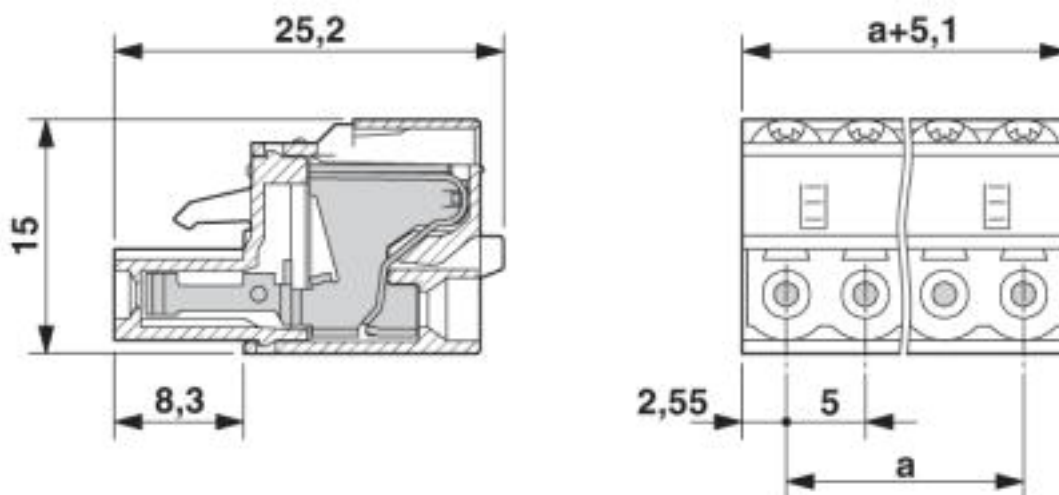
# Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766

Diagram



Type: FKCS 2,5/...-ST with MSTBO 2,5/...-G1L

Dimensional drawing



Approvals

Approvals

Approvals


IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


Ex Approvals


# Printed-circuit board connector - FKCS 2,5/ 5-ST - 1974766


## Approvals

### Approval details

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-60988-B1B2
Nominal voltage UN	250 V		
Nominal current IN	12 A		
mm <sup>2</sup> /AWG/kcmil	0.2-2.5		

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40004701
Nominal voltage UN	250 V		
Nominal current IN	12 A		
mm <sup>2</sup> /AWG/kcmil	0.2-2.5		

EAC		B.01742
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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>	E60425-19931011
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm <sup>2</sup> /AWG/kcmil	26-12	26-12	

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