

## Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

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PCB connector, nominal current: 12 A, number of positions: 14, 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
- ✓ Intuitive use through colour coded actuation lever
- ✓ Extremely small design for the respective conductor cross section
- ✓ Quick and convenient testing using integrated test option
- ✓ Can be combined with the MSTB 2,5 range



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 163859
GTIN	4046356163859
Weight per Piece (excluding packing)	21.700 g
Custom tariff number	85366990
Country of origin	Bulgaria

### Technical data

#### Dimensions

Length [ l ]	27.1 mm
Width [ w ]	70 mm
Height [ h ]	10.9 mm

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## Technical data

### Dimensions

Pitch	5 mm
Dimension a	65 mm

### General

Range of articles	FKCN 2,5/..-ST
Number of positions	14
Connection method	Push-in spring connection
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 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	PBT
Flammability rating according to UL 94	V0
Stripping length	10 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 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.	1.5 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.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16

### Standards and Regulations

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

### Environmental Product Compliance

# Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

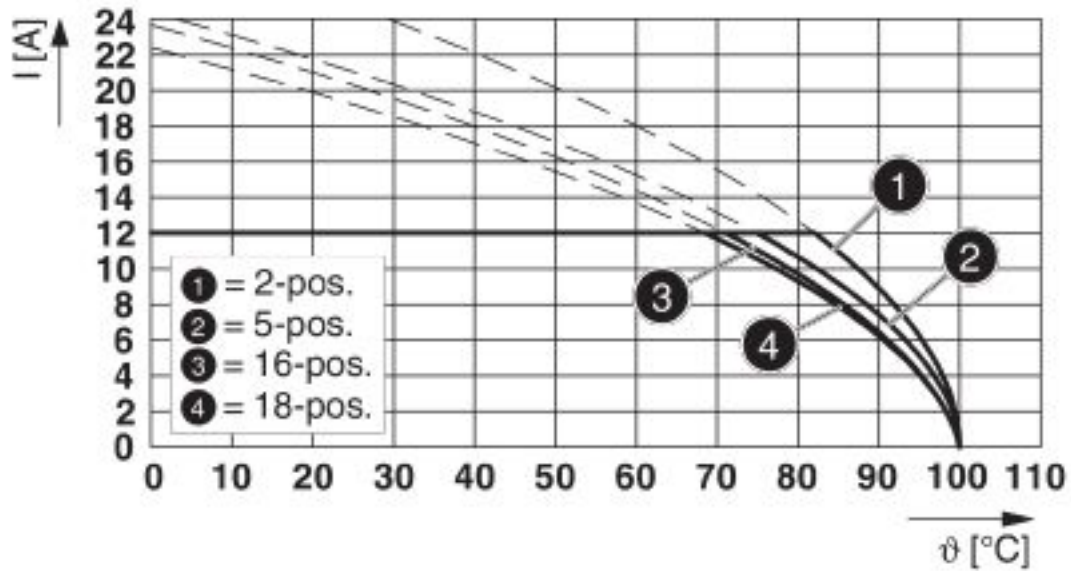
## Technical data

### Environmental Product Compliance

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

## Drawings

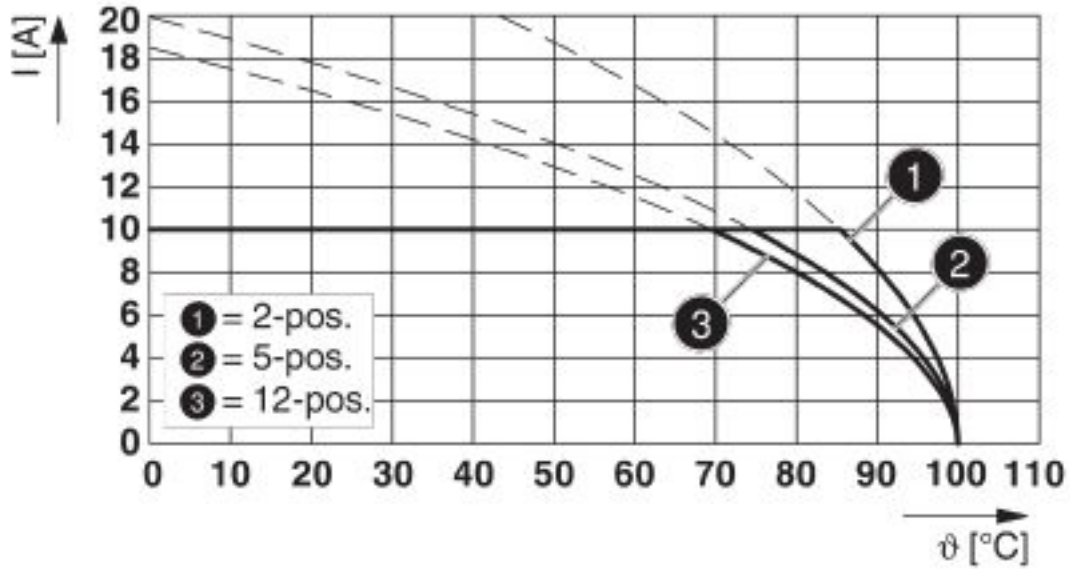
Diagram



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

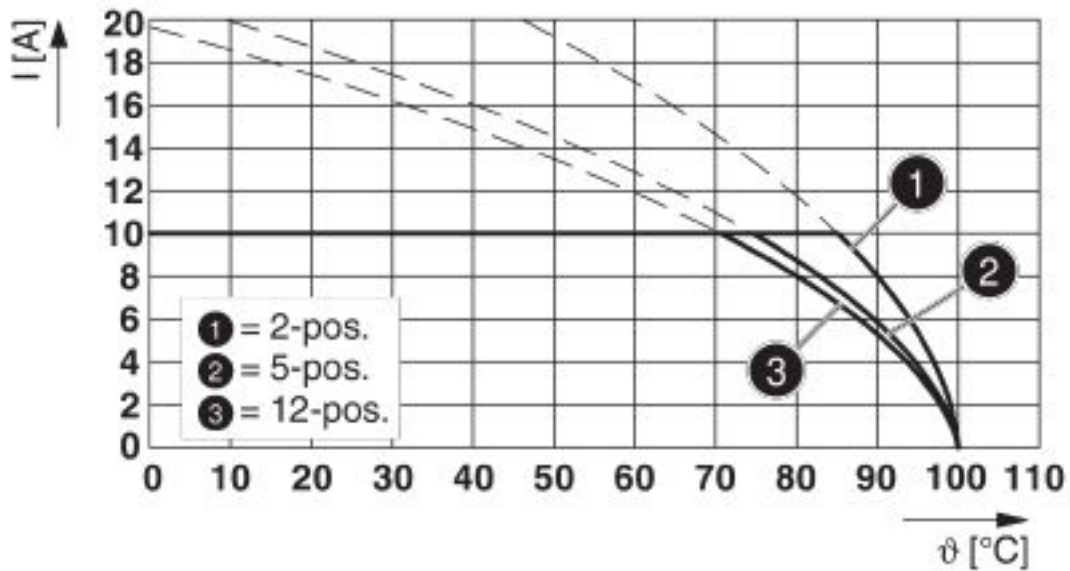
# Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

Diagram



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

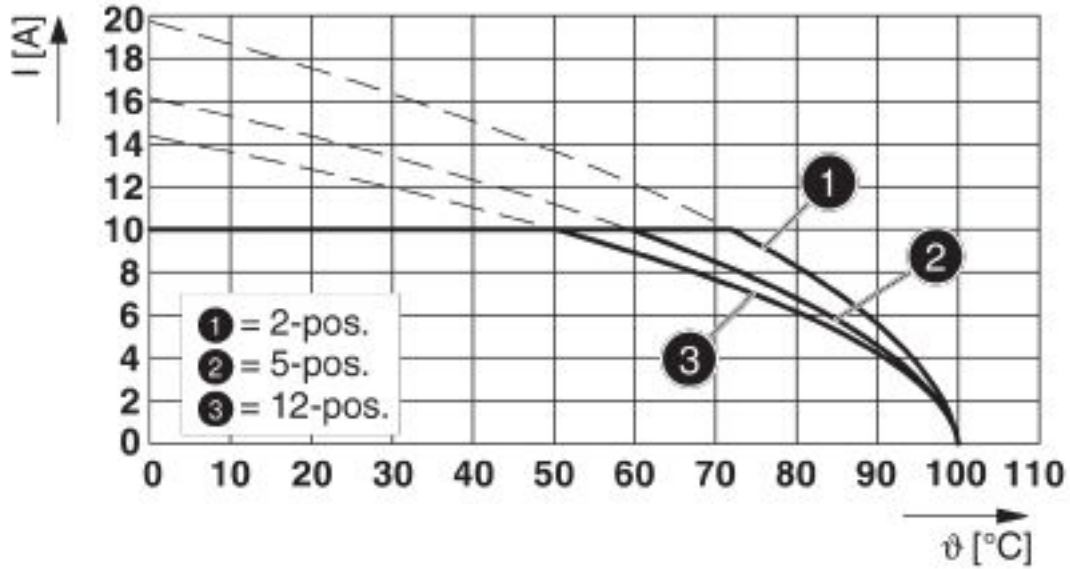
Diagram



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

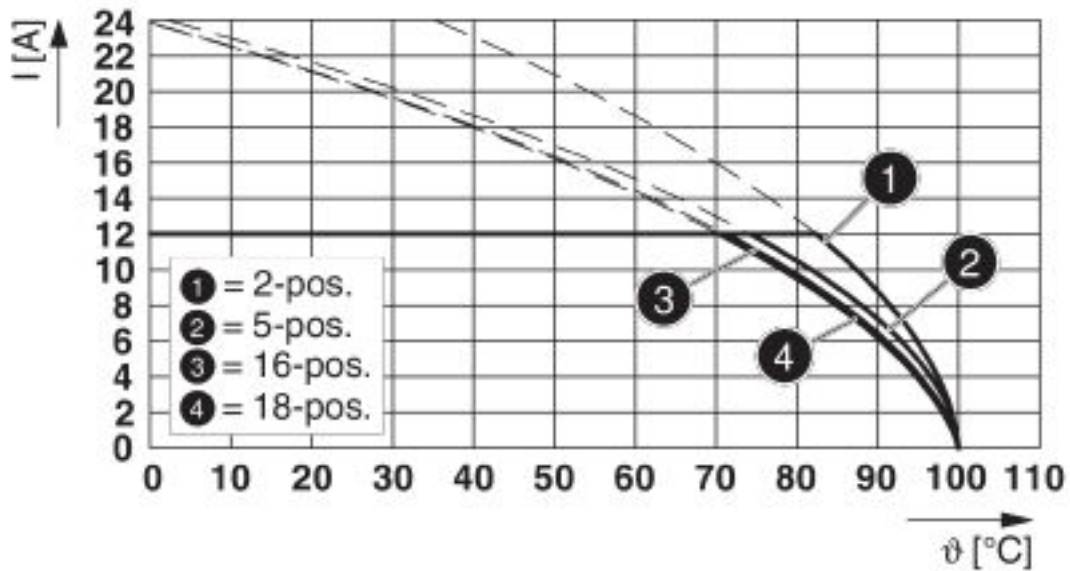
# Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

Diagram



Type: FKCN 2,5/...-ST with MDSTBV 2,5/...-G

Diagram



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

# Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

## Classifications

### eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

### UNSPSC

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

## Approvals

### Approvals

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#### Approvals

IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC

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#### Ex Approvals

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### Approval details

# Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

## Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58427
Nominal voltage UN	400 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>	40041908
Nominal voltage UN	400 V		
Nominal current IN	12 A		
mm <sup>2</sup> /AWG/kcmil	0.2-2.5		

EAC			B.01742
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## Accessories

### Additional products

Printed-circuit board connector - CCDN 2,5/14-G1 P26 THR - 1734397



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering

Feed-through header - MSTBW 2,5/14-G - 1735992



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

## Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

### Accessories

#### Feed-through header - MSTBV 2,5/14-G - 1753673



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Feed-through header - MSTB 2,5/14-G - 1754672



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Printed-circuit board connector - MSTBVA 2,5/14-G - 1755626



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Printed-circuit board connector - MSTBA 2,5/14-G - 1757585



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Feed-through header - MDSTBV 2,5/14-G1 - 1762965



PCB headers, nominal current: 10 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting: Wave soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!



## Printed-circuit board connector - FKCN 2,5/14-ST - 1732852

### Accessories

Feed-through header - MSTB 2,5/14-G-LA - 1768309



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting:  
Wave soldering

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Printed-circuit board connector - SMSTB 2,5/14-G - 1769353



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting:  
Wave soldering

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Feed-through header - SMSTBA 2,5/14-G - 1769926



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting:  
Wave soldering

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Feed-through header - MSTBA 2,5/14-G-LA - 1770601



PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: green, contact surface: Tin, mounting:  
Wave soldering

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