

https://www.phoenixcontact.com/in/products/1758157



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PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Pin, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTBV 2,5/..-G, pitch: 5. 08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, Pin connector pattern alignment: Standard, locking: without, mounting: without, type of packaging: packed in cardboard

### Your advantages

- · Maximum flexibility when it comes to device design one header for connectors with different connection technologies
- · Well-known mounting principle allows worldwide use
- · Vertical connection enables multi-row arrangement on the PCB
- · Items that can be aligned in various pitches support flexible and space-saving PCB assembly
- · Easy PCB replacement thanks to plug-in modules

#### Commercial Data

Item number	1758157
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	AAC
Product Key	AACSMB
Catalog Page	Page 315 (C-1-2013)
GTIN	4017918030360
Weight per Piece (including packing)	6.88 g
Weight per Piece (excluding packing)	5.96 g
Customs tariff number	85366930
Country of origin	IN



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### **Technical Data**

### Product properties

Туре	Standard
Product line	COMBICON Connectors M
Product type	PCB headers
Product family	MSTBV 2,5/G
Number of positions	16
Pitch	5.08 mm
Number of connections	16
Number of rows	1
Mounting flange	without
Number of potentials	16
Pin layout	Linear pinning
Solder pins per potential	1

### Electrical properties

Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	320 V
Degree of pollution	3
Contact resistance	2.4 mΩ
Rated voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Rated voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV

### Mounting

Mounting type	Wave soldering
Pin layout	Linear pinning

### Material specifications

#### Material data - contact

Note	WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material	Cu alloy
Surface characteristics	Tin-plated
Metal surface contact area (top layer)	Tin (3 - 5 μm Sn)
Metal surface contact area (middle layer)	Nickel (1.3 - 3 μm Ni)
Metal surface soldering area (top layer)	Tin (3 - 5 μm Sn)
Metal surface soldering area (middle layer)	Nickel (1.3 - 3 μm Ni)

Material data - housing



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Color (Housing)	green (6021)
Insulating material	PBT
Insulating material group	Illa
CTI according to IEC 60112	225
Flammability rating according to UL 94	V0
Material data – actuating element	
Color ()	()

### Notes

Notes on operation	In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be
	plugged in or disconnected when carrying voltage or under load.

### Dimensions

Dimensional drawing	h h
Pitch	5.08 mm
Width [w]	81.28 mm
Height [h]	15.9 mm
Length [I]	8.57 mm
Installed height	12 mm
Solder pin length [P]	3.9 mm

#### Mechanical tests

Specification

#### Test for conductor damage and slackening

IEC 60999-1:1999-11
0.2 mm² / solid / > 10 N
0.2 mm² / flexible / > 10 N
$2.5 \text{ mm}^2 / \text{ solid } / > 50 \text{ N}$
2.5 mm² / flexible / > 50 N

IEC 60999-1:1999-11

#### Insertion and withdrawal forces

Result	Test passed
No. of cycles	25
Insertion strength per pos. approx.	8 N
Withdraw strength per pos. approx.	6 N



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Torque test	
Specification	IEC 60999-1:1999-11
Contact holder in insert	
Specification	IEC 60512-15-1:2008-05
Contact holder in insert Requirements >20 N	Test passed
Resistance of inscriptions	
Specification	IEC 60068-2-70:1995-12
Result	Test passed
Polarization and coding	
Specification	IEC 60512-13-5:2006-02
Result	Test passed
Visual inspection	
Specification	IEC 60512-1-1:2002-02
Result	Test passed
Dimension check	
Specification	IEC 60512-1-2:2002-02
Opecinication	
Result ectrical tests Thermal test   Test group C	Test passed
	Test passed
ectrical tests  Thermal test   Test group C  Specification	IEC 60512-5-1:2002-02
ectrical tests Thermal test   Test group C	
ectrical tests  Thermal test   Test group C  Specification	IEC 60512-5-1:2002-02
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions	IEC 60512-5-1:2002-02
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance	IEC 60512-5-1:2002-02
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification	IEC 60512-5-1:2002-02 24 IEC 60512-3-1:2002-02
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions	IEC 60512-5-1:2002-02 24 IEC 60512-3-1:2002-02
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 ΜΩ
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04 IIIa
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04  IIIa CTI 225
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)  Rated insulation voltage (III/3)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04 IIIa CTI 225 250 V
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)  Rated insulation voltage (III/3)  Rated surge voltage (III/3)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04 IIIa CTI 225 250 V 4 kV
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)  Rated insulation voltage (III/3)  Rated surge voltage (III/3)  minimum clearance value - non-homogenous field (III/3)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04 IIIa CTI 225 250 V 4 kV 3 mm
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)  Rated insulation voltage (III/3)  Rated surge voltage (III/3)  minimum clearance value - non-homogenous field (III/3)  minimum creepage distance (III/3)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04  IIIa  CTI 225  250 V 4 kV 3 mm 4 mm
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)  Rated insulation voltage (III/3)  Rated surge voltage (III/3)  minimum clearance value - non-homogenous field (III/3)  minimum creepage distance (III/3)  Rated insulation voltage (III/2)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04 IIIa  CTI 225 250 V 4 kV 3 mm 4 mm 320 V
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)  Rated insulation voltage (III/3)  Rated surge voltage (III/3)  minimum creepage distance (III/3)  Rated insulation voltage (III/3)  Rated insulation voltage (III/2)  Rated surge voltage (III/2)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04  IIIa  CTI 225  250 V 4 kV 3 mm 4 mm 320 V 4 kV
ectrical tests  Thermal test   Test group C  Specification  Tested number of positions  Insulation resistance  Specification  Insulation resistance, neighboring positions  Air clearances and creepage distances    Specification  Insulating material group  Comparative tracking index (IEC 60112)  Rated insulation voltage (III/3)  Rated surge voltage (III/3)  minimum clearance value - non-homogenous field (III/3)  Rated surge voltage (III/2)  Rated surge voltage (III/2)  Rated surge voltage (III/2)  minimum clearance value - non-homogenous field (III/2)	IEC 60512-5-1:2002-02 24  IEC 60512-3-1:2002-02 > 5 MΩ  IEC 60664-1:2007-04 IIIa CTI 225 250 V 4 kV 3 mm 4 mm 320 V 4 kV 3 mm



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Ambient temperature (assembly)

Packaging specifications

Type of packaging

inimum clearance value - non-homogenous field (II/2)	3 mm
inimum creepage distance (II/2)	4 mm
onmental and real-life conditions	
oration test	
Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.35 mm (10 Hz 60.1 Hz)
Sweep speed	5g (60.1 Hz 150 Hz)
Test duration per axis	2.5 h
rability test	
Specification	IEC 60512-9-1:2010-03
Impulse withstand voltage at sea level	4.8 kV
Contact resistance R <sub>1</sub>	2.4 mΩ
Contact resistance R <sub>2</sub>	2.5 mΩ
Insertion/withdrawal cycles	25
Insulation resistance, neighboring positions	> 5 MΩ
matic test	
Specification	ISO 6988:1985-02
Corrosive stress	0.2 dm <sup>3</sup> SO <sub>2</sub> on 300 dm <sup>3</sup> /40 °C/1 cycle
Thermal stress	100 °C/168 h
Power-frequency withstand voltage	2.21 kV
bient conditions	
Ambient temperature (operation)	-40 °C 100 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C 70 °C
Relative humidity (storage/transport)	30 % 70 %

-5 °C ... 100 °C

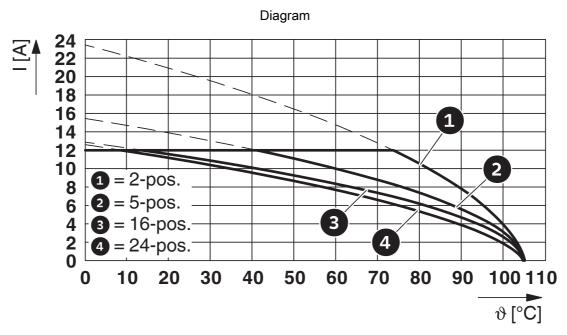
packed in cardboard



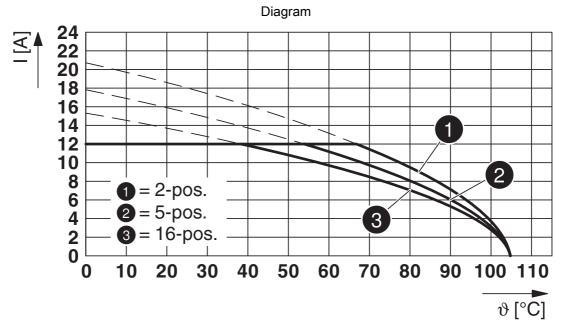
https://www.phoenixcontact.com/in/products/1758157



### **Drawings**



Type: ICV 2,5/...-G-5,08 with MSTBV 2,5/...-G-5,08

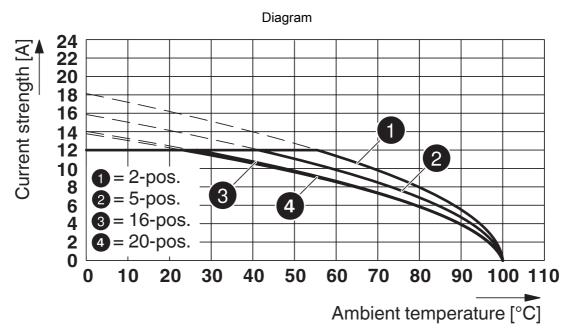


Type: FKCVR 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08

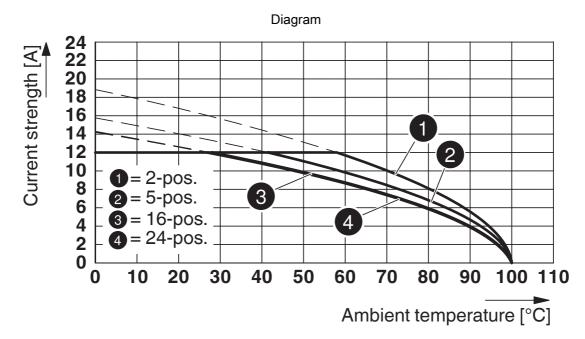


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Type: MSTB 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08

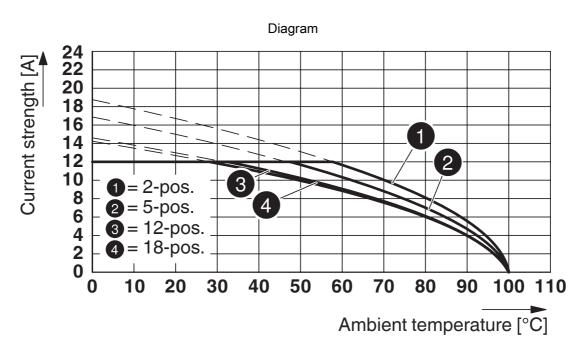


Type: MSTBP 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08

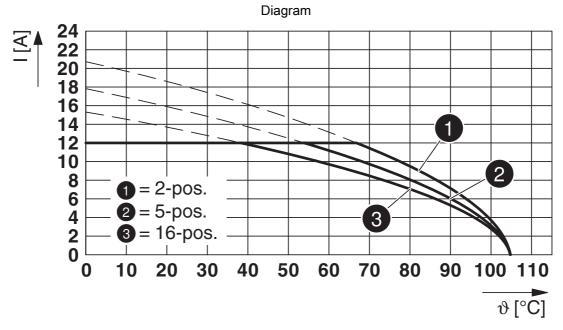


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Type: MSTBT 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08-5,08

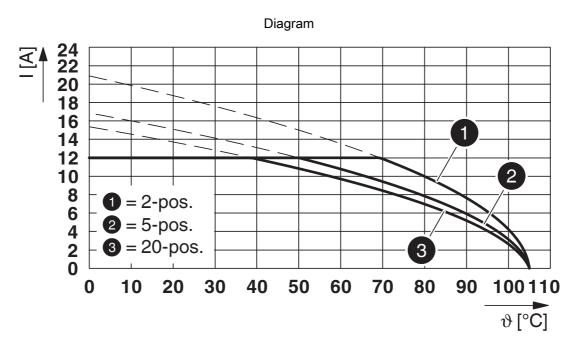


Type: FKCVW 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08

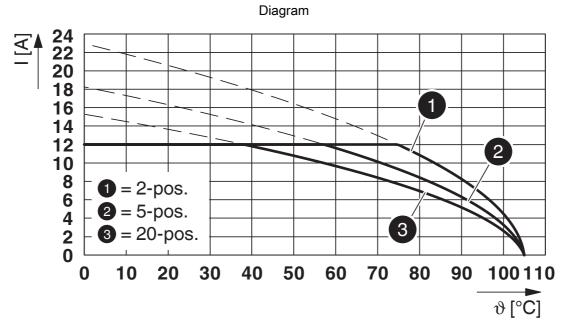


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Type: FKCT 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08

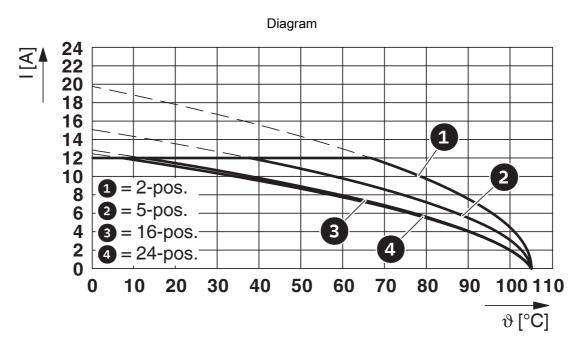


Type: FKCS 2,5/...-ST-5,08 with MSTBV 2,5/...-G-5,08



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Type: IC 2,5/...-G-5,08 with MSTBV 2,5/...-G-5,08



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## Approvals

•	CSA Approval ID: 13631				
		Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
		300 V	12 A	-	-
		300 V	10 A	-	-

CB scheme	IECEE CB Scheme Approval ID: DE1-60988-B1B2				
		Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
		250 V	12 A	-	-

EHE	EAC
LIIL	Approval ID: B.01687

c <b>91</b> 2 us	CULus Recognized Approval ID: E60425-19931011				
		Nominal Voltage U <sub>N</sub>	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>
		300 V	12 A	-	-
		300 V	10 A	-	-

VDE Zeichengenel Approval ID: 40050648	VDE Zeichengenehmigung Approval ID: 40050648					
	Nominal Voltage $U_N$	Nominal Current I <sub>N</sub>	Cross Section AWG	Cross Section mm <sup>2</sup>		
	250 V	12 A	-	-		



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## Classifications

UNSPSC 21.0

### **ECLASS**

	ECLASS-11.0	27460201		
	ECLASS-12.0	27460201		
	ECLASS-13.0	27460201		
ETI	ETIM			
	ETIM 8.0	EC002637		
UN:	UNSPSC			

39121400



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## **Environmental Product Compliance**

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



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#### Accessories

### CR-MSTB - Coding section

1734401

https://www.phoenixcontact.com/in/products/1734401

Coding section, inserted into the recess in the header or the inverted plug, red insulating material



### SK 5,08/3,8:FORTL.ZAHLEN - Marker card

0804293

https://www.phoenixcontact.com/in/products/0804293



Marker card, white, labeled, horizontal: consecutive numbers 1  $\dots$  10, 11  $\dots$  20, etc. up to 91  $\dots$  (99)100, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm



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#### MSTB-BL - Accessories

1755477

https://www.phoenixcontact.com/in/products/1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

### SK 5,08/3,8:UNBEDRUCKT - Marker card

0805412

https://www.phoenixcontact.com/in/products/0805412

Marker card, white, unlabeled, can be labeled with: Marker pen, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 5.08 x 3.8 mm





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#### FKCN 2,5/16-ST-5,08 - PCB connector

1754704

https://www.phoenixcontact.com/in/products/1754704



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: FKCN 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### MSTB 2,5/16-ST-5,08 - PCB connector

1757158

https://www.phoenixcontact.com/in/products/1757158



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



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#### MSTB 2,5/16-STZ-5,08 - PCB connector

#### 1764248

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PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTB 2,5/..-STZ, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### MSTBP 2,5/16-ST-5,08 - PCB connector

#### 1769159

https://www.phoenixcontact.com/in/products/1769159



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTBP 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



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#### FRONT-MSTB 2,5/16-ST-5,08 - PCB connector

1777426

https://www.phoenixcontact.com/in/products/1777426



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: FRONT-MSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Front screw connection, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### MSTBT 2,5/16-ST-5,08 - PCB connector

1781124

https://www.phoenixcontact.com/in/products/1781124



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTBT 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



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#### MVSTBR 2,5/16-ST-5,08 - PCB connector

#### 1792388

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PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MVSTBR 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### MVSTBW 2,5/16-ST-5,08 - PCB connector

#### 1792896

https://www.phoenixcontact.com/in/products/1792896



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MVSTBW 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



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#### MSTBC 2,5/16-ST-5,08 - PCB connector

1808955

https://www.phoenixcontact.com/in/products/1808955



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTBC 2,5/..-ST, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0°, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

#### MSTBC 2,5/16-STZ-5,08 - PCB connector

1809640

https://www.phoenixcontact.com/in/products/1809640



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTBC 2,5/..-STZ, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0°, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



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#### MSTBU 2,5/16-STD-5,08 - Printed-circuit board connector

1824269

https://www.phoenixcontact.com/in/products/1824269



Direct plug-in block, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTBU 2,5/..-STD, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Direct mounting, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### SMSTB 2,5/16-ST-5,08 - PCB connector

1826429

https://www.phoenixcontact.com/in/products/1826429



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: SMSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -45 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



https://www.phoenixcontact.com/in/products/1758157



#### MSTBVK 2,5/16-ST-5,08 - DIN rail connector

1831456

https://www.phoenixcontact.com/in/products/1831456



DIN rail connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: MSTBVK 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: DIN rail, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### UMSTBVK 2,5/16-ST-5,08 - DIN rail connector

1833959

https://www.phoenixcontact.com/in/products/1833959



DIN rail connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: UMSTBVK 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: DIN rail, conductor/PCB connection direction: 0 °, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



https://www.phoenixcontact.com/in/products/1758157



#### FKC 2,5/16-ST-5,08 - PCB connector

1873197

https://www.phoenixcontact.com/in/products/1873197



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: FKC 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### FKCVW 2,5/16-ST-5,08 - PCB connector

1873799

https://www.phoenixcontact.com/in/products/1873799



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: FKCVW 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



https://www.phoenixcontact.com/in/products/1758157



#### FKCVR 2,5/16-ST-5,08 - PCB connector

#### 1874099

https://www.phoenixcontact.com/in/products/1874099



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: FKCVR 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### QC 1/16-ST-5,08 - PCB connector

#### 1883844

https://www.phoenixcontact.com/in/products/1883844



PCB connector, nominal cross section: 1 mm², color: green, nominal current: 10 A, rated voltage (III/2): 630 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: QC 1/..-ST, pitch: 5.08 mm, connection method: Displacement connection, conductor/PCB connection direction: 0 °, locking clip: Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard



https://www.phoenixcontact.com/in/products/1758157



#### FKCT 2,5/16-ST-5,08 - PCB connector

1902259

https://www.phoenixcontact.com/in/products/1902259



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: FKCT 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0°, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

#### FKCS 2,5/16-ST-5,08 - PCB connector

1975215

https://www.phoenixcontact.com/in/products/1975215



PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Socket, number of potentials: 16, number of rows: 1, number of positions: 16, number of connections: 16, product range: FKCS 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

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PHOENIX CONTACT (I) Pvt. Ltd. A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420 info@phoenixcontact.co.in