Printed-circuit board connector - FRONT-MSTB 2,5/11-ST-5,08 - 1777374

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

Product description

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Why buy this product

- With front screw connection
- Plug-in direction parallel to the conductor axis
- For larger numbers of positions up to 24-pos., visit: www.phoenixcontact.net/catalog

Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 242 (CC-2011)
GTIN	4 017918 039523
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	31.98 GRM
Country of origin	GERMANY

Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	50.8 mm
Number of positions	11
Screw thread	M2,5
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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Technical data

Technical data

Range of articles	FRONT-MSTB 2,5/..-ST
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/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current IN	12 A
Nominal voltage UN	250 V
Nominal cross section	2.5 mm²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.34 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²

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Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Classifications

eclass

eClass 4.0	272607xx
eClass 4.1	27260701
eClass 5.0	27260701
eClass 5.1	27260701
eClass 6.0	27260704

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002638

unspsc

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

Approvals

Certificates

Certification

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECEE CB Scheme / cULus Recognized

Certification EX

Certification submitted

Approval details

Printed-circuit board connector - FRONT-MSTB 2,5/11-ST-5,08 - 1777374

Approvals

CSA		
	B	D
mm²/AWG/kcmil	22-12	22-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

VDE report with production monitoring	
mm²/AWG/kcmil	0.34-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

cUL Recognized		
	B	D
mm²/AWG/kcmil	30-12	30-12
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

GOST

IECEE CB Scheme	
mm²/AWG/kcmil	0.34-2.5
Nominal current IN	12 A
Nominal voltage UN	250 V

cULus Recognized

Accessories

Accessories

Assembly

Printed-circuit board connector - FRONT-MSTB 2,5/11-ST-5,08 - 1777374

Accessories

Accessories - FRONT-MSTB-EW - 1763058

Removal aid, for FRONT-MSTB, facilitates extraction of several plugs mounted behind each other



Bridges

Insertion bridge - EBL 10- 5 - 2303132

Insertion bridge, Number of positions: 10, Color: gray



Insertion bridge - EBL 2- 5 - 2303145

Insertion bridge, Number of positions: 2, Color: gray



Insertion bridge - EBL 3- 5 - 2303158

Insertion bridge, Number of positions: 3, Color: gray



Insertion bridge - EBL 4- 5 - 2303161

Insertion bridge, Number of positions: 4, Color: gray



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Accessories

Insertion bridge - EBL 5- 5 - 2303174

Insertion bridge, Number of positions: 5, Color: gray



Marking

Marker cards - SK 5,08/3,8:FORTL.ZAHLEN - 0804293

Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type:



Marker cards - SK U/2,8 WH:UNBEDRUCKT - 0803883

Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive



Marker cards - SK 5,08/2,8:SO - 0805108

Marker cards, white, Mounting type: Adhesive, For terminal block width: 5.08 mm



Marker pen - B-STIFT - 1051993

Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm



Plug/Adapter

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Accessories

Coding profile - CP-MSTB - 1734634

Keying profile, is inserted into the slot on the plug or inverted header, red insulating material



Tools

Screwdriver - SZS 0,6X3,5 - 1205053

Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-co



Additional products

Feed-through modular terminal block - UKK 3-MSTB-5,08-PE - 1876615

Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 320 V, Cross section: 0.2 mm² - 4 mm², AWG



Feed-through modular terminal block - UK 3D-MSTBV-5,08-LA 24RD - 3002144

Feed-through modular terminal block, Connection method: Screw connection, Number of positions: 1, Cross section: 0.2 mm



Double-level terminal block - UKK 3-MSTB-5,08 - 2770888

Double-level modular terminal block with COMBICON plug-in zone, nominal current: 12 A, nominal voltage: 250 V, cross sec



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Accessories

Base strip - MVSTBU 2,5/11-GB-5,08 - 1788622

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection m



Base strip - MSTBVK 2,5/11-G-5,08 - 1788813

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection m



Plug-in block - UMSTBVK 2,5/11-G-5,08 - 1788208

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection m



Feed-through modular terminal block - UK 3D-MSTBV-5,08/EK - 3002173

Feed-through modular terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG 24 - 12



Feed-through modular terminal block - UK 3D-MSTBV-5,08 - 3002131

Feed-through modular terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 4 mm², A



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Accessories

Feed-through modular terminal block - UK 3-MVSTB-5,08-LA 24RD - 3002102



Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm² - 4 mm², AWG

Feed-through modular terminal block - UK 3-MVSTB-5,08 - 3002076



Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm² - 4 mm², AWG

Feed-through modular terminal block - UK 3-MVSTB-5,08/EK - 3002063



Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm² - 4 mm², AWG

Feed-through modular terminal block - UK 3-MSTB-5,08 - 3002034



Feed-through modular terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 4 mm², A

Feed-through modular terminal block - UKK 3-MSTBVH-5,08 - 2770846



Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross section: 0.2 mm² - 4 mm², AWG

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Accessories

Feed-through modular terminal block - ZFKK 1,5-MSTBV-5,08 - 1873016



Feed-through modular terminal block, Connection method: Special and hybrid connection, MSTB plug entry, Cross section:

Printed-circuit board connector - FKIC 2,5/11-ST-5,08 - 1873443

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection m



Base strip - MSTBA 2,5/11-G-5,08-LA - 1768037

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact s



Base strip - MSTBA 2,5/11-G-5,08 - 1757336

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact s



Base strip - MSTB 2,5/11-G-5,08-LA - 1770805

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact s



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Accessories

Base strip - MDSTBV 2,5/11-G1-5,08 - 1762596

Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact s



Base strip - MDSTB 2,5/11-G1-5,08 - 1762460

Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact s



Base strip - SMSTBA 2,5/11-G-5,08 - 1767465

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact s



Base strip - SMSTB 2,5/11-G-5,08 - 1769557

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Color: green, Contact s



Printed-circuit board connector - ICC 2,5/11-STZ-5,08 - 1823930

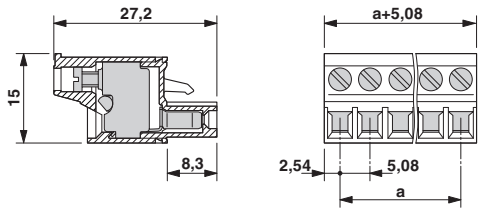
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 11, Pitch: 5.08 mm, Connection m



Drawings

Printed-circuit board connector - FRONT-MSTB 2,5/11-ST-5,08 - 1777374

Dimensioned drawing



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