Printed-circuit board connector - ICC 2,5/14-STZF-5,08 - 1823503

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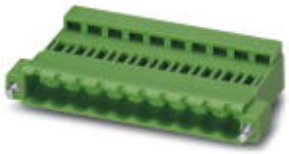

The illustration shows a 15-position version

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte

Why buy this product

- ICC 2,5/...-STZF-5,08 are, among other things, compatible with IC 2,5/-GF-5,08 inverted base strips
- Plug with inverted contact system (pin contact)
- With snap-lock option for pull-out aid
- ICC 2,5/-STZ-5,08 with engagement noses for MSTBC 2,5/...-ST-... and for locking with MSTBC 2,5/-STZ-5,08-R

Key commercial data

Packing unit	50 pc
GTIN	4 017918 048365
Weight per Piece (excluding packing)	9.63 g
Custom tariff number	85472000
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	66.04 mm

General

Range of articles	ICC 2,5/..-STZF
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)	250 V

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Technical data

General

Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal cross section	2.5 mm²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	14

Connection data

Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	14
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	14

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

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

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Approvals

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CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECEE CB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

		B	D
mm²/AWG/kcmil	20-14	20-14	20-14
Nominal current IN	10 A	10 A	10 A
Nominal voltage UN	300 V	300 V	300 V

UL Recognized

	B	D
mm²/AWG/kcmil	20-14	20-14
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

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Approvals

cUL Recognized

	B	D
mm²/AWG/kcmil	20-14	20-14
Nominal current IN	10 A	10 A
Nominal voltage UN	250 V	300 V

IECEE CB Scheme

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

CCA

mm²/AWG/kcmil	0.5-1.0
Nominal current IN	10 A
Nominal voltage UN	250 V

EAC

cULus Recognized

Accessories

Accessories

Crimp contact

Accessories - ICC-MT 0,5-1,0 - 3190577

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 0.5-1.0 mm²

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Accessories

Male insert - ICC-MT 0,5-1,0 BA - 3190603

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 0.5-1.0 mm², ribbon contact

Accessories - ICC-MT 1,5-2,5 - 3190580

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 1.5-2.5 mm²

Accessories - ICC-MT 1,5-2,5 BA - 3190593

Module male contact, is inserted into the ICC connector shell after the conductor has been crimped, for conductors from 1.5-2.5 mm², ribbon contact

Crimping tool

Crimping pliers - CRIMPFOX MT 2,5 - 1204038

Crimping pliers, for crimping conductors to the module female contacts STG-MTN, crimp range: 0.5-2.5 mm², AWG: 20-14

Labeled terminal marker

Marker card - SK 5,08/2,8:FORTL.ZAHLEN - 0804280

Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 2.8 mm

Screwdriver tools

Printed-circuit board connector - ICC 2,5/14-STZF-5,08 - 1823503

Accessories

Screwdriver - SZS 0,4X2,5 VDE - 1205037

Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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Strain relief - STZ 2-MSTBC-5,08 - 1810529

Strain relief for snapping into the latching chambers of the plug components, 2-pos., labeling with ZB 6

Strain relief - STZ 4-MSTBC-5,08 - 1810532

Strain relief for snapping into the latching chambers of the plug components, 4-pos., labeling with ZB 6

Strain relief - STZ 8-MSTBC-5,08 - 1810516

Strain relief for snapping into the latching chambers of the plug components, 8-pos., labeling with ZB 6

Strain relief - STZ 12-MSTBC-5,08 - 1810503

Strain relief for snapping into the latching chambers of the plug components, 12-pos., labeling with ZB 6

Additional products

Base strip - ICV 2,5/14-GF-5,08 - 1825815

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Printed-circuit board connector - ICC 2,5/14-STZF-5,08 - 1823503

Accessories

Printed-circuit board connector - UMSTBVK 2,5/14-STF-5,08 - 1859292

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: DIN rail

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Printed-circuit board connector - MSTBVK 2,5/14-STF-5,08 - 1849202

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: DIN rail

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Base strip - IC 2,5/14-GF-5,08 - 1825242

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering

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Printed-circuit board connector - MSTBC 2,5/14-STZFD-5,08 - 1809394

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Mounting: Direct mounting, 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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Feed-through terminal block - ZFKK 1,5-ICV-5,08 - 1873029

Feed-through terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm² - 2.5 mm², Width: 5.1 mm, Color: gray, Mounting: NS 35/15, NS 35/7,5

Drawings

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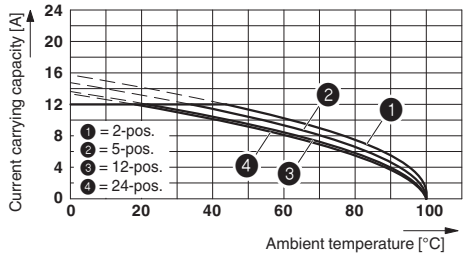
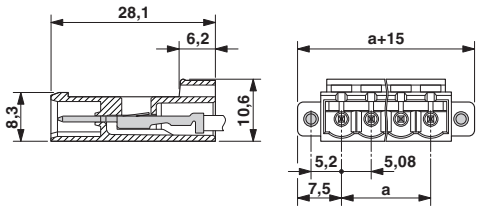
Diagram



Dimensioned drawing



Type: ICC 2,5/...-ST-5,08 with IC 2,5/...-G-5,08; contact: ICC-MT 1,5 - 2,5