

FKCT 2,5/ 8-ST-5,08

Order No.: 1902178

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1902178>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V,
Number of positions: 8, Pitch: 5.08 mm, Connection method: Spring-
cage conn., Color: green

Commercial data

GTIN (EAN)	 4 017918 187323
sales group	E111
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 213 (CC-2009)

Product notesWEEE/RoHS-compliant since:
01/01/2003

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Technical data**Dimensions / positions**

Pitch	5.08 mm
Dimension a	35.56 mm
Number of positions	8

Technical data

Range of articles	FKCT 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 I_N	12 A
Nominal voltage U_N	250 V
Nominal cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A2
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	10 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.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	12

Certificates / Approvals



Certification

CB, CUL, GOST, UL, VDE-PZI

Accessories

Item	Designation	Description
Marking		
0804293	SK 5,08/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks
0805085	SK 5,08/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white
0805412	SK 5,08/3,8:UNBEDRUCKT	Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN

Plug/Adapter

0201689	MPS-IH BU	Insulating sleeve, Color: blue
0201702	MPS-IH GN	Insulating sleeve, Color: green
0201676	MPS-IH RD	Insulating sleeve, Color: red
0201663	MPS-IH WH	Insulating sleeve, Color: white
0201744	MPS-MT	Test plugs
0201744	MPS-MT	Test plugs
0201647	RPS	Reducing plug, Color: gray
0201647	RPS	Reducing plug, Color: gray

Tools

1205053	SZS 0,6X3,5	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-component grip, with non-slip grip
1205053	SZS 0,6X3,5	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-component grip, with non-slip grip

Additional products

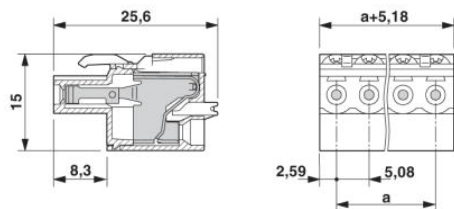
Item	Designation	Description
General		
1872525	A-MSTBVA 2,5/ 8-G-5,08	Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 8, Pitch: 5.08 mm, Color: green
0707057	DFK-MSTB 2,5/ 8-G-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.
1898897	DFK-MSTBA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1899197	DFK-MSTBVA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1880368	EMSTBA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Press-in
1859577	EMSTBVA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Press-in
1873414	FKIC 2,5/ 8-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green
1786239	IC 2,5/ 8-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection, Color: green
1823901	ICC 2,5/ 8-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm ²] 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

1762431	MDSTB 2,5/ 8-G1-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: 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!
1842128	MDSTBA 2,5/ 8-G-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering, The article can be aligned to create different nos. of positions! 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!
1762567	MDSTBV 2,5/ 8-G1-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: 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!
1845390	MDSTBVA 2,5/ 8-G-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering, The article can be aligned to create different nos. of positions! 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!
1759075	MSTB 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1770779	MSTB 2,5/ 8-G-5,08-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1757307	MSTBA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1902806	MSTBA 2,5/ 8-G-5,08 THT	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: black, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: http://www.combicon.com
1771008	MSTBA 2,5/ 8-G-5,08-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1850495	MSTBO 2,5/ 8-GL-5,08	Header, Nominal current: 8 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1847165	MSTBO 2,5/ 8-GR-5,08	Header, Nominal current: 8 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering

1758076	MSTBV 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1808528	MSTBV 2,5/ 8-GEH-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1755794	MSTBVA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1902877	MSTBVA 2,5/ 8-G-5,08 THT	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: black, Assembly: SMD/THT/THR, User information and design recommendations on through hole reflow technology can be found at: http://www.combicon.com
1735824	MSTBW 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1769528	SMSTB 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering
1767436	SMSTBA 2,5/ 8-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Assembly: Soldering

Diagrams/Drawings

Dimensioned drawing



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