

Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)
[1770740](#)

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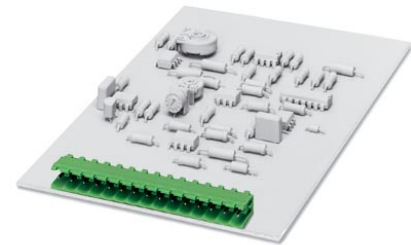


Extract from the online catalog

MSTB 2,5/ 5-G-5,08-LA


Order No.: 1770740

The illustration shows a 15-position version



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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 017918 035488
Note	Made-to-order
sales group	E110
Pack	50 pcs.
Customs tariff	85366990

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<http://www.download.phoenixcontact.com>
 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions / positions	
Length	12 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Number of positions	5
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

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Technical data

Range of articles	MSTB 2,5/...-G -LA
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)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	12 A
Nominal voltage U _N	250 V
Maximum load current	12 A
Insulating material	PBT
Inflammability class acc. to UL 94	V0
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

Certificates / Approvals



Certification

CB, CSA, CUL, UL, VDE-PZI

Accessories

Item	Designation	Description
Assembly		
1759981	MSTB-BF	Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.
1755477	MSTB-BL	Keying cap, for forming sections, plugs onto header pin, green insulating material

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General

1858196	MSTB 2,5/10-LWL 2,3-5,08	COMBICON optical fibers, pitch 5.08 mm, 10-position, divisible, are snapped into the back of the COMBICON header, color: transparent, dimension a: 2.3 mm
1858206	MSTB 2,5/10-LWL 4,0-5,08	COMBICON optical fibers, pitch 5.08 mm, 10-position, divisible, are snapped into the back of the MC header, color: transparent, dimension a: 4.0 mm
1858219	MSTB 2,5/10-LWL 7,0-5,08	COMBICON optical fibers, pitch 5.08 mm, 10-position, divisible, are snapped into the back of the MC header, color: transparent, dimension a: 7.0 mm
1765690	MSTB-LA/RD	MSTB light indicator element, 1 position, snaps onto MSTB 2.5/...-G-LA and MSTBA 2.5/...-G-LA, with 5 mm pitch or 5.08 mm pitch if the interlocking is loosened, red, yellow, green LED without preresistor

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
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Plug/Adapter

1734401	CR-MSTB	Coding section, inserted into the recess in the header or the inverted plug, red insulating material
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Additional products

Item	Designation	Description
General		
1872729	A-ICV 2,5/ 5-G-5,08	Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 5, Pitch: 5.08 mm, Color: green
1873087	FKC 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1902149	FKCT 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1873980	FKCVR 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1873689	FKCVW 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777316	FRONT-MSTB 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn

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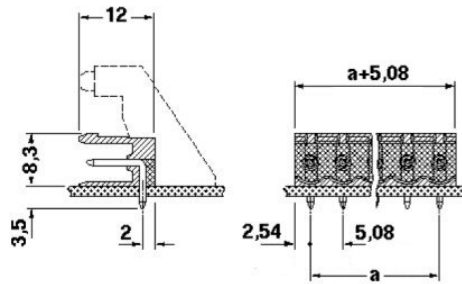
1786433	IC 2,5/ 5-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1785971	ICV 2,5/ 5-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1757048	MSTB 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1776142	MSTB 2,5/ 5-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1808845	MSTBC 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] 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
1809530	MSTBC 2,5/ 5-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] 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
1769049	MSTBP 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1781014	MSTBT 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1792278	MVSTBR 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1792786	MVSTBW 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1883284	QC 1/ 5-ST-5,08	Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1826319	SMSTB 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1853049	TMSTBP 2,5/ 5-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Metal surface: Sn, The plug allows conductors to be looped through from module to module.

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Diagrams/Drawings

Dimensioned drawing



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