

IC 2,5/ 7-ST-5,08


Order No.: 1786226

The figure shows a 10-position version of the product

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V,
Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface:
Sn

Commercial data

GTIN (EAN)	
sales group	E131
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 208 (CC-2009)

Product notes

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



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Technical data

Dimensions / positions

Pitch	5.08 mm
Dimension a	30.48 mm
Number of positions	7
Screw thread	M3

Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

Range of articles	IC 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	A3
Stripping length	7 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.	0.2 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, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm ²
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	30
Maximum AWG according to UL/CUL	12

Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

Accessories

Item	Designation	Description
Assembly		
1755477	MSTB-BL	Keying cap, for forming sections, plugs onto header pin, green insulating material
General		
1733169	EBP 2- 5	Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2
1803934	KGG-MSTB 2,5/ 2	Cable housing, Pitch: 0 mm, Number of positions: 2, Dimension a: 10 mm, Color: green
1783779	KGS-MSTB 2,5/ 8	Cable housing, Pitch: 0 mm, Number of positions: 8, Dimension a: 40 mm, Color: green

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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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
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Additional products

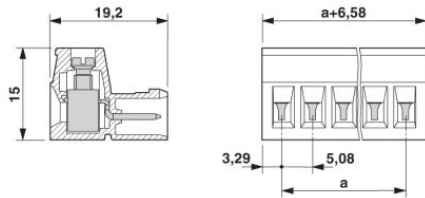
Item	Designation	Description
General		
1872745	A-ICV 2,5/ 7-G-5,08	Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 7, Pitch: 5.08 mm, Color: green
1873100	FKC 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1902165	FKCT 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1874002	FKCVR 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1873702	FKCVW 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777332	FRONT-MSTB 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1786459	IC 2,5/ 7-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1785997	ICV 2,5/ 7-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1757064	MSTB 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn

1776113	MSTB 2,5/ 7-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1808861	MSTBC 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, 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
1809556	MSTBC 2,5/ 7-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, 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
1769065	MSTBP 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1781030	MSTBT 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1824175	MSTBU 2,5/ 7-STD-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1831362	MSTBVK 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: DIN rail
1792294	MVSTBR 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1792809	MVSTBW 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1883307	QC 1/ 7-ST-5,08	Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1826335	SMSTB 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1853065	TMSTBP 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn, The plug allows conductors to be looped through from module to module.
1833865	UMSTBVK 2,5/ 7-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: DIN rail

1873029	ZFKK 1,5-ICV-5,08	Feed-through modular terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm ² - 2.5 mm ² , Width: 5.1 mm, Color: gray
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Diagrams/Drawings

Dimensioned drawing



Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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