

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

Order No.: 1786174

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=1786174>

Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch:
5.08 mm, Number of positions: 2, Connection type: Screw connection,
Color: green

Commercial data

EAN	4017918042325
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.003839 KG
Catalog page information	Page 208 (CC-2009)

Product notes

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



[http://
www.download.phoenixcontact.com](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

Pitch	5.08 mm
Dimension a	5.08 mm
Number of positions	2
Screw thread	M3

Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Technical data

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

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

Certificates / Approvals



Certification

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

CSA

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	28-12

CUL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

UL

Nominal voltage U _N	300 V
Nominal current I _N	10 A
AWG/kcmil	30-12

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, Number of positions: 2, Dimension a: 10 mm, Color: green
1783779	KGS-MSTB 2,5/ 8	Cable housing, 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
---------	--------------------------	---

Plug/Adapter

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

Tools

1205053	SZS 0,6X3,5	Screwdriver, bladed, matches all screw terminal blocks up to 4.0 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
---------	-------------	--

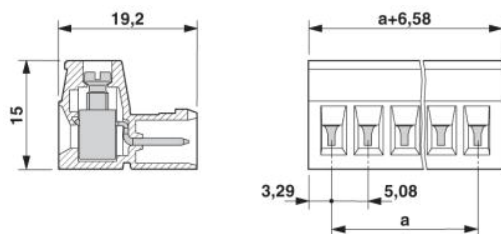
Additional products

Item	Designation	Description
General		
1872693	A-ICV 2,5/ 2-G-5,08	Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 2, Pitch: 5.08 mm, Color: green
1873058	FKC 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green
1902110	FKCT 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green
1873951	FKCVR 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green
1873650	FKCVW 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green
1777280	FRONT-MSTB 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green

1786404	IC 2,5/ 2-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Color: green, Assembly: Soldering
1785942	ICV 2,5/ 2-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Color: green, Assembly: Soldering
1757019	MSTB 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1808816	MSTBC 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Crimp connection, Color: green
1809501	MSTBC 2,5/ 2-STZ-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Crimp connection, Color: green
1769010	MSTBP 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1779987	MSTBT 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1824120	MSTBU 2,5/ 2-STD-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Assembly: Direct mounting, Color: green
1792249	MVSTBR 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1792757	MVSTBW 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1883255	QC 1/ 2-ST-5,08	Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Insulation displacement connection QUICKON, Color: green
1826283	SMSTB 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1853010	TMSTBP 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green

Diagrams/Drawings

Dimensioned drawing



Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2010 Phoenix Contact
Technical modifications reserved;