

IC 2,5/ 6-STGF-5,08

Order No.: 1825543

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1825543>

Plug component, nominal current: 12 A, rated voltage: 250 V, pitch:
5.08 mm, no. of positions: 6, type of connection: Screw connection

Commercial data

EAN	4017918049706
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.01124 KG
Catalog page information	Page 183 (CC-2007)

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	25.4 mm
Number of positions	6
Screw thread	M 3
Tightening torque, min	0.5 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

Approval logo



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
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
1852066	IC-DFR 6	Feed-through assembly frame, for snapping in the IC 2.5/...-STGF-5.08 inverted COMBICON plug, for panel thicknesses from 0.5 to 4.5 mm, color green, no. of positions: 6
1803905	KGG-MSTB 2,5/ 6	Cable housing, for cable diameters of 5 -9.5 mm, clamp, screws, and marker strips are included, color: green, no. of positions: 6

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 mm² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
---------	-------------	--

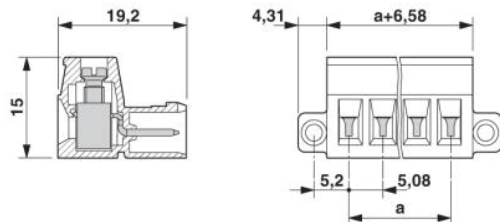
Additional products

Item	Designation	Description
General		
1873249	FKC 2,5/ 6-STF-5,08	Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1902343	FKCT 2,5/ 6-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1874141	FKCVR 2,5/ 6-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1873841	FKCVW 2,5/ 6-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1777840	FRONT-MSTB 2,5/ 6-STF-5,08	Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 6, type of connection: Screw connection
1778027	MSTB 2,5/ 6-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection

1809776	MSTBC 2,5/ 6-STZF-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Crimp connection
1805343	MSTBT 2,5/ 6-STF-5,08	Plug with T-shape and screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1835135	MVSTBR 2,5/ 6-STF-5,08	Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 6, type of connection: Screw connection
1834945	MVSTBW 2,5/ 6-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1918133	QC 0,75/ 6-STF-5,08	Plug components, 5.08 mm pitch, color: green, no. of positions 6, dimension a 25.40 mm
1883394	QC 1/ 6-STF-5,08	Plug, nominal current: 10 A, rated voltage: 500 V, pitch: 5.08 mm, number of positions: 6, connection method: Insulation displacement connection QUICKON
1853146	TMSTBP 2,5/ 6-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection

Drawings

Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2008 Phoenix Contact
Technical modifications reserved;