

## IC 2,5/ 8-STGF-5,08

Order No.: 1825569

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1825569>

Plug component, nominal current: 12 A, rated voltage: 250 V, pitch:  
5.08 mm, no. of positions: 8, type of connection: Screw connection

### Commercial data

EAN	4017918049720
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.01461 KG
Catalog page information	Page 183 (CC-2007)

### Product notes

WEEE/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
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 <sup>2</sup>
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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
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 <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>

2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>

### Certificates / Approvals

Approval logo



#### CSA

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	28-12

#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	30-12

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	30-12
Certification	CB, CSA, CUL, GOST, UL, VDE-PZI

### Accessories

Item	Designation	Description
<b>Assembly</b>		
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
1852082	IC-DFR 8	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: 8
1803921	KGG-MSTB 2,5/ 8	Cable housing, for cable diameters of 5 - 9.5 mm, clamps, screws, and marker strips are included, color: green, no. of positions: 8
1783779	KGS-MSTB 2,5/ 8	Cable housing, for cable diameters of 6 - 13.5 mm, marker strips and transparent label carrier are included, color: green, no. of positions: 8

#### 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	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
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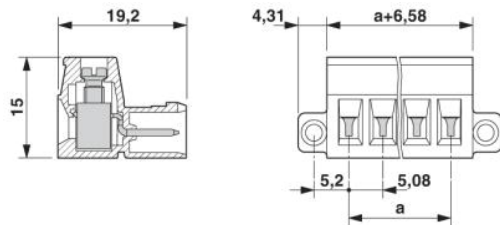
#### Additional products

Item	Designation	Description
<b>General</b>		
1873265	FKC 2,5/ 8-STF-5,08	Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Spring-cage connection
1902369	FKCT 2,5/ 8-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Spring-cage connection
1874167	FKCVR 2,5/ 8-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Spring-cage connection
1873867	FKCVW 2,5/ 8-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Spring-cage connection
1777798	FRONT-MSTB 2,5/ 8-STF-5,08	Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Screw connection

1778043	MSTB 2,5/ 8-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Screw connection
1809792	MSTBC 2,5/ 8-STZF-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Crimp connection
1804661	MSTBT 2,5/ 8-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: 8, type of connection: Screw connection
1835151	MVSTBR 2,5/ 8-STF-5,08	Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Screw connection
1834961	MVSTBW 2,5/ 8-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Screw connection
1918159	QC 0,75/ 8-STF-5,08	Plug components, 5.08 mm pitch, color: green, no. of positions 8, dimension a 35.56 mm
1883417	QC 1/ 8-STF-5,08	Plug, nominal current: 10 A, rated voltage: 500 V, pitch: 5.08 mm, number of positions: 8, connection method: Insulation displacement connection QUICKON
1853162	TMSTBP 2,5/ 8-STF-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 8, type of connection: Screw connection

## Drawings

### Dimensioned drawing



**Address**

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