

## GIC 2,5 HCV/ 8-ST-7,62

Order No.: 1745687

The illustration shows the 5-pos. version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1745687>

Plug component, Nominal current: 16 A, Nom. voltage: 1000 V, Pitch:  
7.62 mm, Number of positions: 8, Connection type: Screw connection,  
Color: green

### Commercial data

EAN	4046356309837
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01792 KG
Catalog page information	Page 362 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
01/13/2009



<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

Pitch	7.62 mm
Dimension a	53.34 mm
Number of positions	8
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)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	16 A
Nominal voltage $U_N$	1000 V
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	16 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm

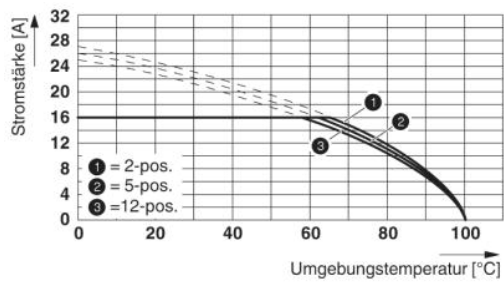
**Connection data**

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 mm <sup>2</sup>

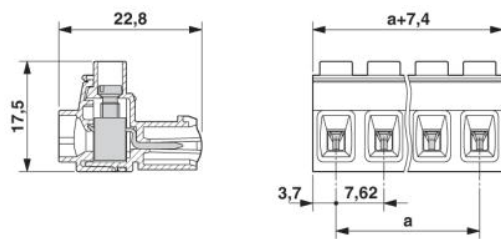
**Drawings**

Diagram



Derating curve for: GIC 2,5 HCV/..-ST-7,62 with GIC 2,5 HC/..-G-7,62

Dimensioned drawing



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