Extract from the online catalog

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

Order No.: 1745674

The illustration shows the 5-pos. version

http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1745674

Plug component, Nominal current: 16 A, Nom. voltage: 1000 V, Pitch: 7.62 mm, Number of positions: 7, Connection type: Screw connection, Color: green

Commercial data	
EAN	4046356309820
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.02222 KG
Catalog page information	Page 362 (CC-2009)

Product notes

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

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	7.62 mm
Dimension a	45.72 mm
Number of positions	7
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 mm²
Maximum load current	16 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm

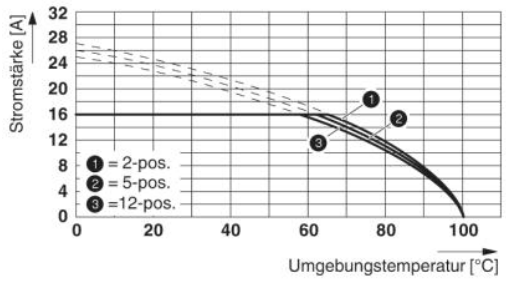
Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	1 mm²

2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²

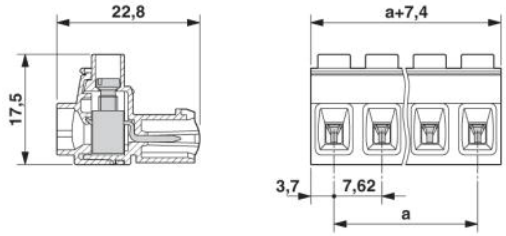
Drawings

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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