

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

Order No.: 1714304

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1714304>

Plug component, Nominal current: 16 A, Rated voltage (III/2): 1000 V,
Pitch: 7.62 mm, Color: green, Metal surface: Tin-plated

Commercial data

GTIN (EAN)	4046356095594
Note	Made-to-order
sales group	E502
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01054 KG
Catalog page information	Page 360 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
04/16/2008



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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online catalog. For comprehensive
information and data, please refer
to the user documentation. The
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Technical data**Dimensions / positions**

Pitch	7.62 mm
Dimension a	30.48 mm
Number of positions	5
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 ²
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A3
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	600 V
Nominal current, UL/CUL Use Group B	16 A
Nominal voltage, UL/CUL Use Group C	600 V
Nominal current, UL/CUL Use Group C	16 A

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 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	12

Certificates / Approvals



Certification CUL, UL

CUL

Nominal voltage U _N	600 V
Nominal current I _N	16 A
AWG/kcmil	30-12

UL

Nominal voltage U _N	600 V
Nominal current I _N	16 A
AWG/kcmil	30-12

Accessories

Item	Designation	Description
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Marking

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
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0804455	SK 7,5/3,8:FORTL.ZAHLEN	Marker card, self-adhesive, 10-section marker strip, 12 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 120 terminal blocks
0805137	SK 7,5/3,8:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white

Plug/Adapter

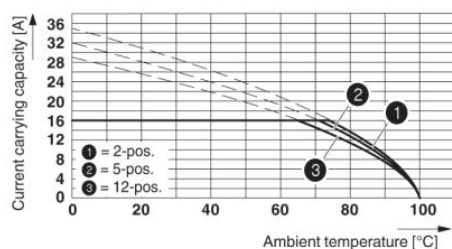
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
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Tools

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
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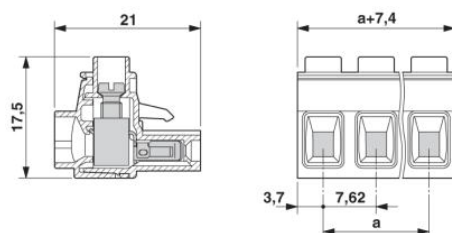
Diagrams/Drawings

Diagram



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

Dimensioned drawing



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