

GIC 2,5/10-ST-7,62

Order No.: 1828883

The figure shows a 10-position version of the product



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Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V,
Pitch: 7.62 mm, Color: green, Metal surface: Sn

Commercial data

GTIN (EAN)	4017918050771
sales group	E133
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01998 KG
Catalog page information	Page 270 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data

Dimensions / positions

Pitch	7.62 mm
Dimension a	68.58 mm
Number of positions	10
Screw thread	M3
Tightening torque, min	0.5 Nm

Tightening torque max	0.6 Nm
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Technical data

Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	12 A
Nominal voltage U_N	400 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
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 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

CB, CSA, CUL, GOST, UL, VDE-PZI

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

Accessories

Item	Designation	Description
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Assembly

1755477	MSTB-BL	Keying cap, for forming sections, plugs onto header pin, green insulating material
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Marking

0804549	SK 7,62/3,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 12 identical decades marked 1-10, 11-20 etc. up to 91-99, 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 mm ² connection cross section, blade: 0.6 x 3.5 mm, without VDE approval
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Additional products

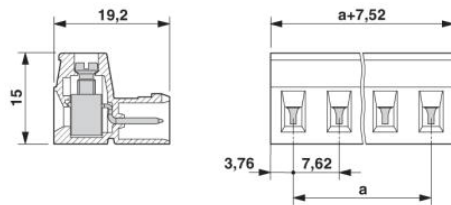
Item	Designation	Description
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General

1806193	FRONT-GMSTB 2,5/10-ST-7,62	Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Pitch: 7.62 mm, Color: green, Metal surface: Sn
1828757	GIC 2,5/10-G-7,62	Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Pitch: 7.62 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1828993	GICV 2,5/10-G-7,62	Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Pitch: 7.62 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1767083	GMSTB 2,5/10-ST-7,62	Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Pitch: 7.62 mm, Color: green, Metal surface: Sn
1832604	GMVSTBR 2,5/10-ST-7,62	Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Pitch: 7.62 mm, Color: green, Metal surface: Sn
1832497	GMVSTBW 2,5/10-ST-7,62	Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Pitch: 7.62 mm, Color: green, Metal surface: Sn

Diagrams/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>



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