

GIC 2,5/11-ST-7,62


Order No.: 1828896

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1828896>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Color: green, Metal surface: Sn

| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  |
| sales group | E133 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 270 (CC-2009) |

Product notes

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



<http://www.download.phoenixcontact.com>
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| Technical data | |
|-------------------------------|---------|
| Dimensions / positions | |
| Pitch | 7.62 mm |
| Dimension a | 76.2 mm |
| Number of positions | 11 |
| Screw thread | M3 |

| | |
|------------------------|--------|
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Technical data

| | |
|-------------------------------------|---------------------|
| Range of articles | GIC 2,5/..-ST |
| 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

Accessories

| Item | Designation | Description |
|-----------------|--------------------------|---|
| Assembly | | |
| 1755477 | MSTB-BL | Keying cap, for forming sections, plugs onto header pin, green insulating material |
| 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 |

Plug/Adapter

| | | |
|---------|---------|--|
| 1734401 | CR-MSTB | Coding section, inserted into the recess in the header or the inverted plug, red insulating material |
|---------|---------|--|

Tools

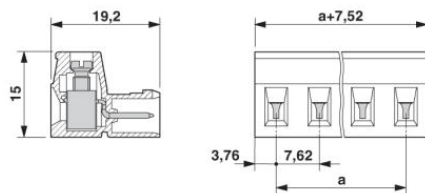
| | | |
|---------|-------------|--|
| 1205053 | SZS 0,6X3,5 | Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip |
|---------|-------------|--|

Additional products

| Item | Designation | Description |
|----------------|----------------------------|--|
| General | | |
| 1806203 | FRONT-GMSTB 2,5/11-ST-7,62 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Color: green, Metal surface: Sn |
| 1828760 | GIC 2,5/11-G-7,62 | Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Color: green, Metal surface: Sn, Assembly: Soldering |
| 1829002 | GICV 2,5/11-G-7,62 | Header, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Color: green, Metal surface: Sn, Assembly: Soldering |
| 1767096 | GMSTB 2,5/11-ST-7,62 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Color: green, Metal surface: Sn |
| 1832617 | GMVSTBR 2,5/11-ST-7,62 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Color: green, Metal surface: Sn |
| 1832507 | GMVSTBW 2,5/11-ST-7,62 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 11, Pitch: 7.62 mm, Color: green, Metal surface: Sn |

Diagrams/Drawings

Dimensioned drawing



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