

7/8" male 0° / 7/8" female 0°

PUR 5x1.5 gy UL/CSA+drag ch. 1.5m

Art.No.: 7000-50021-9610150

Weight: 0.292 Country of origin: CZ

Model designation: MSCBL0-CA-U961 1.5

Male straight – female straight 7/8" - 7/8", 5-pole

Power cable

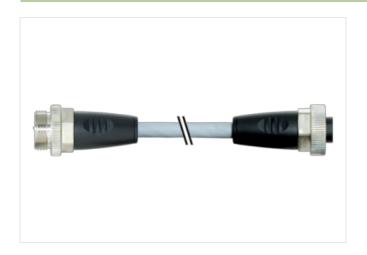
Further cable lengths on request.

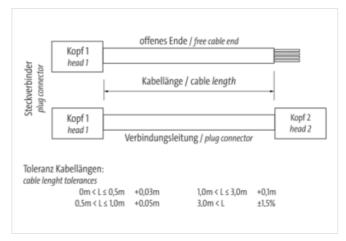
Plastic housings with good resistance against chemicals and oils.

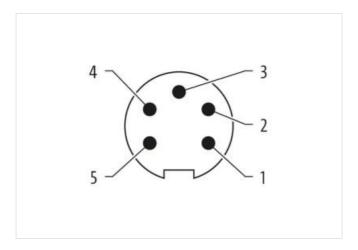
The resistance to aggressive media should be individually tested for your application. Further details on request.

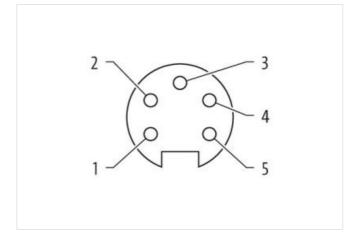
Link to Product

Illustration







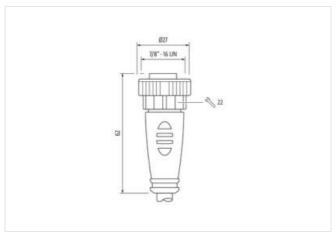




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Product may differ from Image



| Cable length | 1,5 m |
|--|-------------------|
| Side 1 | |
| Tightening torque | 1,5 Nm |
| Mounting method | inserted, screwed |
| Family construction form | 7/8" |
| Thread | 7/8" |
| suitable for corrugated tube (internal \emptyset) | 15,8 mm |
| Gender | male |
| Cable outlet | straight |
| No. of poles | 5 |
| Width across flats | SW22 |
| Degree of protection (EN IEC 60529) | IP67 |
| Side 2 | |
| Tightening torque | 1,5 Nm |
| Mounting method | inserted, screwed |
| Family construction form | 7/8" |
| Thread | 7/8" |
| Gender | female |



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| suitable for corrugated tube (internal Ø) | 15,8 mm |
|--|---|
| Cable outlet | straight |
| No. of poles | 5 |
| Width across flats | SW22 |
| Degree of protection (EN IEC 60529) | IP67 |
| Commercial data | |
| ECLASS-6.0 | 27279218 |
| ECLASS-6.1 | 27279218 |
| ECLASS-7.0 | 27279218 |
| ECLASS-8.0 | 27279218 |
| ECLASS-9.0 | 27060327 |
| ECLASS-10.1 | 27060311 |
| ECLASS-11.1 | 27060311 |
| ECLASS-12.0 | 27060327 |
| ETIM-5.0 | EC001855 |
| customs tariff number | 85444290 |
| customs tariff number | 85444290 |
| GTIN | 4048879138758 |
| GTIN | 4048879138758 |
| Packaging unit | 1 |
| Packaging unit | 1 |
| Electrical data Supply | |
| Current operating per contact max. | 10 A |
| Current phase - neutral | 230 V |
| Current phase - phase | 400 V |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP67 |
| Additional condition protection degree | inserted, screwed |
| Rated surge voltage | 3 kV |
| Material group (IEC 60664-1) | |
| Mechanical data Material data | |
| Coating locking | nickel plated |
| Locking material | Zinc die-casting |
| Material screw connection | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| | inserted, screwed, straking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 85 °C |
| Additional condition temperature range | depending on cable quality |
| Important installation notes | |
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
| Note on bending radius | Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Installation Cable | |
| wire arrangement | green-yellow, blue 2, black 1, white 4, brown 3 |
| Cable identification | 961 |
| Cable Type | 3 |
| • • | |
| Function cable | Power |
| Function cable Printing color of wire insulation | black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) |

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-05-13



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| Amount stranding 5 wires around Filler twisted Filler yes wire arrangement green-yellow, blue 2, black 1, white 4, brown 3 Cable weight 129,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (acket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 2,3 mm Outer diameter insulation 2,3 mm Outer diameter loterance core insulation 5 to 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity min, wire 13,5 A Electrical resistance ine constant wire 13,3 0/km @ 20 °C AC withstand voltage (wire - wire) 10 kW @ 60 s Power frequency withstand voltage (wire - wire) 10 kW @ 60 s Min. operating temperature (static) 50 °C Max. operating temperature (static) 50 °C Max. operating temperature (static) 50 °C Max. operating temperature (static) 60 °C @ 10000 h Operation Operating temperature min. (dynamic) 7 oc 0, application-related testing Oil resistance Din Robe (091, application-related testing 10 oc 0, a | Type of Certificate | cURus |
|--|--|--|
| Filler yes wire arrangement green-yellow, blue 2, black 1, white 4, brown 3 Cable weight 129,8 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 2,3 mm Outer diameter insulation 2,3 mm Outer diameter insulation 50 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor type (wire) 1,5 mm² Material conductor wire Conductor type (wire) strands copper wire, bare Conductor type (wire) strands copper wire, bare Conductor type (wire) 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 80 °C 90 °C 010000 h Operation Operating temperature (fixed) 80 °C 90 °C 010000 h Operation Operating temperature max. (dynamic) 2-25 °C Operating temperature max. (dynamic) 80 °C 90 °C 010000 h Operation Planting radius (fixed) 5 × Outer diameter Diameter of single wines 90 °C 0000, application-related testing Gasoline resistance 90 NE NE 600 s 1404 (Good, application-related testing Bending radius (fixed) 5 × Outer diameter | Amount stranding | 1 |
| wire arrangement green-yellow, blue 2, black 1, white 4, brown 3 Cable weigth 128.8 g/m Material jacket PUR Shore hardness jacket 99.2 ± 5 shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation Printing color of w | Stranding | 5 wires around Filler twisted |
| Cable weight 129,8 g/m Material jacket PUR Shore hardness jacket PUR Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outser-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter folerance core insulation ± 5 % Shore hardness wire insulation ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire in | Filler | yes |
| Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VW @ 60 s Flectrical resistance line constant wire 13,3 Ω/k | wire arrangement | green-yellow, blue 2, black 1, white 4, brown 3 |
| Shore hardness jacket 90 ± 5 Shore A | Cable weigth | 129,8 g/m |
| Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-cliameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 2,3 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wine) 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - isacket) Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Plane resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance DIN EN 68011-044 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Material jacket | PUR |
| Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 2,3 mm Outer diameter insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voitage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire wire) 13,5 A Electrical resistance line constant wire 13,3 0/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance DIN EN 68011-044 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Shore hardness jacket | 90 ± 5 Shore A |
| Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore bardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity frain, wire 13,5 A Electrical resistance line constant wire 13,3 Qkm @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - inceptating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. op | <u> </u> | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material wire insulation PP Amount wires 5 Cuter diameter insulation 2,3 mm Outer diameter tolerance core insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 C/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (static) 50 °C Mins. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 EC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Outer-diameter (jacket) | · |
| Amount wires 5 Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor rosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,5 A Electrical resistance with stand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (fixed) | Tolerance outer diameter (sheath) | ± 5 % |
| Outer diameter insulation 2,3 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1.5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,6 AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - in load voltage) wire wire) 10 kV @ 60 s Min. operating temperature (static) 50 °C Max. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter | Material wire insulation | PP |
| Outer diameter tolerance core insulation | Amount wires | 5 |
| Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - iacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Hame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Gil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 × Outer diameter | Outer diameter insulation | 2,3 mm |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Q/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - iacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Outer diameter tolerance core insulation | ± 5 % |
| Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation black (white isolation), white (isolation blue), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - iacket) Min. operating temperature (static) ABW. operating temperature (static) Derating temperature min. (dynamic) Operating temperature max. (dynamic) Plame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Shore hardness wire insulation | 60 ± 5 Shore D |
| Printing color of wire insulation black (white isolation), white (isolation brown), white (isolation black) Amount strands (wire) 84 Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - iacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | | |
| Diameter of single wires 0,15 mm Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - lack tilde) 10 kV @ 60 s Min. operating temperature (static) 50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Gallone resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | | |
| Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - iacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Amount strands (wire) | 84 |
| Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Diameter of single wires | 0,15 mm |
| Conductor type (wire) strand class 6 Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 \(\Omega \text{Vrm} \) (# 60 s Power frequency withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Conductor crosssection (wire) | 1,5 mm ² |
| Nominal voltage AC max. 1000 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - incident with incident i | Material conductor wire | Stranded copper wire, bare |
| Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Conductor type (wire) | strand class 6 |
| Current load capacity min. wire 13,5 A Electrical resistance line constant wire 13,3 \(\Omega \)/km \(\omega \) 20 °C AC withstand voltage (wire - wire) 10 kV \(\omega \) 60 s Power frequency withstand voltage (wire - jacket) 10 kV \(\omega \) 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C / 90 °C \(\omega \) 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C \(\omega \) 10000 h Operation Flame resistance UL 1581 \(\xi \) 1100 FT2 IEC 60332-2-2 UL 1581 \(\xi \) 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Nominal voltage AC max. | 1000 V |
| Electrical resistance line constant wire 13,3 Ω/km @ 20 °C AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Plame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Current load capacity (standard) | to DIN VDE 0298-4 |
| AC withstand voltage (wire - wire) 10 kV @ 60 s Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) -50 °C Max. operating temperature (fixed) Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Current load capacity min. wire | 13,5 A |
| Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Bo °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Electrical resistance line constant wire | 13,3 Ω/km @ 20 °C |
| Jacket) Min. operating temperature (static) Max. operating temperature (fixed) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | AC withstand voltage (wire - wire) | 10 kV @ 60 s |
| Max. operating temperature (fixed) Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | | 10 kV @ 60 s |
| Operating temperature min. (dynamic) Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Min. operating temperature (static) | -50 °C |
| Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Max. operating temperature (fixed) | 80 °C / 90 °C @ 10000 h Operation |
| Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Operating temperature min. (dynamic) | -25 °C |
| chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Operating temperature max. (dynamic) | 80 °C / 90 °C @ 10000 h Operation |
| Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | Flame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter | chemical resistance | Good, application-related testing |
| Bending radius (fixed) 5 x Outer diameter | Gasoline resistance | Good, application-related testing |
| | Oil resistance | DIN EN 60811-404 Good, application-related testing |
| Bending radius (dynamic) 10 x Outer diameter | Bending radius (fixed) | 5 x Outer diameter |
| | Bending radius (dynamic) | 10 x Outer diameter |
| No. of bending cycles (C-track) 5 Mio. @ 25 °C | No. of bending cycles (C-track) | 5 Mio. @ 25 °C |
| Traversing distance (C-track) 5 m @ 25 °C | Traversing distance (C-track) | 5 m @ 25 °C |
| Travel speed (C-track) 3,3 m/s @ 25 °C | Travel speed (C-track) | 3,3 m/s @ 25 °C |
| No. of torsion cycles 5 Mio. | No. of torsion cycles | 5 Mio. |
| Torsion stress ± 180 °/m | Torsion stress | ± 180 °/m |
| Torsion speed 35 cycles/min | Torsion speed | 35 cycles/min |