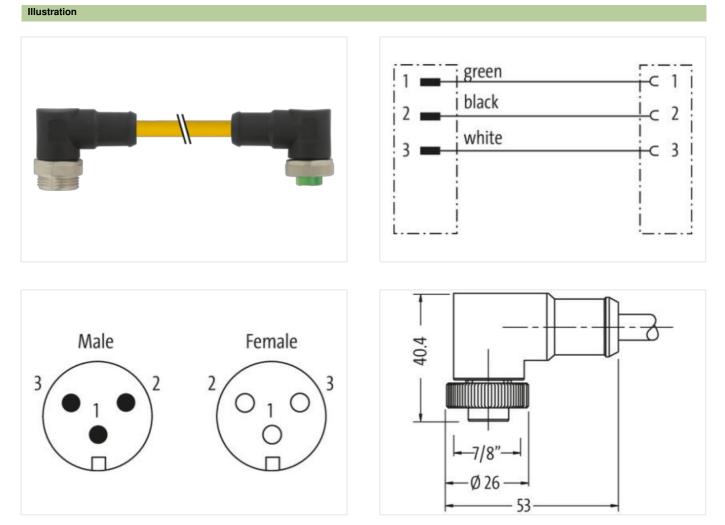


Mini (7/8) 3 pole, Male (Ext.) 90°/Female 90°

PVC 3x16AWG ye UL/CSA, STOOW

Male 90° – female 90° 7/8" – 7/8", 3-pole Power cable USA 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.

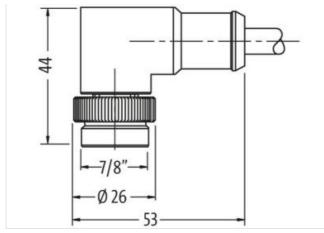
Link to Product



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: 2024-05-18

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Product may differ from Image



| Cable length | 3 m |
|--|--|
| Side 1 | |
| Tightening torque | 1,5 Nm |
| Family construction form | 7/8" |
| Thread | 7/8" |
| Width across flats | SW24 |
| Side 2 | |
| Tightening torque | 1,5 Nm |
| Thread | 7/8" |
| Electrical data Supply | |
| Operating voltage AC max. | 600 V |
| Operating voltage DC max. | 600 V |
| Current operating per contact max. | 12 A |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP68 |
| Additional condition protection degree | inserted, screwed |
| Mechanical data Material data | |
| Coating locking | Nickeled |
| Material housing | PUR |
| Locking material | Zinc die-casting |
| Mechanical data Mounting data | |
| Mounting method | inserted, screwed, Shaking protection |
| Environmental characteristics Climatic | |
| Operating temperature min. | -25 °C |
| Operating temperature max. | 80 °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 | |

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| Cable identification UBB Jackat Color yellow Type of Certificate cURus Arrount standing 1 Stranding 3 vires with 3 Filler twisted Banding silk paper Filler yei wire arrangement black, green, white Cable weight 137.5 g/m Matural jacket PVC Freedom from ingredients (jacket) lead free, CFC free Outer diameter (glacket) 10.03 mm Tolerance user diameter (sheath) 5.5 % Matural jacket PVC Arrount wires 3 Outer diameter installation 2.6 % Matural jacket wire installation 3.05 mm Outer diameter installation 1.6 % Endersource wire installation 1.6 % Carler diameter installation 1.6 % Endersource wire installation 1.6 % Carler diameter installation 1.6 % Endersource wire installation 1.6 % Carler diameter installation 1.6 % Endersource streave wire ins | STOOW style jacket | STOOW |
|---|--|--|
| Type of Certificate cURus Amount stranding 1 Stranding 3 wires with 3 Filler twisted Banding silk paper Filler yes wire arrangement black, green, white Cable weight 137.5 g/m Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free Duier-diameter (jacket) 10.03 mm Tolerance outer diameter (jacket) 10.03 mm Tolerance outer diameter (jacket) 10.03 mm Outer diameter insulation PVC Amount Wires 3 Outer diameter insulation 5.% Material jacket PVC Amount strands (wire) 28 Diameter of single wires sovie insulation 1.5 % Diameter of single wires 16 AWG Conductor crosses wire insulation 1.5 % Diameter of single wires 16 AWG Control crossescolino (wire) 18 AWG Outer diameter of single wires 16 AWG Connector crossecolino (wire) 10 A Cu | Cable identification | UBB |
| Arnount stranding 1 Stranding 3 wires with 3 Filer twisted Banding sik paper Filer yes wire arrangement black, green, white Cable weigh 137.5 g m Material jacket PVC Freedom from ingredients (jacket) 10.03 rm Tolerance outer diamoter (jacket) 10.03 rm Tolerance outer diamoter (jacket) 10.03 rm Tolerance outer diamoter (jacket) 25 % Material were insulation PVC Amount wires 3 Outer diameter insulation 25 % Ingredient freeness wire insulation 16 AWG Conductor crosseaction (wire) 16 AWG Conductor crosseaction (wire) 16 AWG Conductor crosseaction (wire) 16 AWG Current load capacity (standard) according to MFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to MFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to MFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to MFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to MFPA- | Jacket Color | yellow |
| Stranding 3 wires with 3 Filler twisted Banding silk paper Filler yes wire arrangement black, green, white Cable weight 137.5 g/m Matorial jackd PVC Freedom from ingredients (jacket) lead-free, CFC-free Outer diameter (jacket) 10.03 mm Tolerance outer diameter (sheath) 15.% Material were insulation PVC Amount wires 3 Outer diameter insulation 3.05 mm Outer diameter insulation 1.6 % Material were insulation 1.6 % Outer diameter insulation 1.6 % Material were insulation 1.6 % Ingredient freeness wire insulation 1.6 AWG Conductor crossection (wire) 16 AWG Material conductor were Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity min. wire 10 A Electrical resistance line constant wire 13.1 QMm @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequeny withstard voltage (wire - wire) 6 kV @ 60 s Power frequeny withstard voltage (wire - wire) 6 kV @ 60 s Power frequeny withstard voltage (wire - wire) 6 kV @ 60 s Powe | Type of Certificate | cURus |
| Banding alk paper Filer yes wire arrangement black, green, white Cable weight 137,5 g/m Material jackat PVC Freedom from ingredients (jacket) lead-free, CFC-free Cubri-diameter (jacket) 10.03 mm Tolerance outler diameter (sheath) ± 5 % Material wire insulation PVC Amount Wries 3 Outer diameter risulation 3.05 mm Outer diameter risulation i.6 %. Material wire insulation lead-free, CFC-free Amount stranket (wire) 26 Diameter of single wires 16 AWG Conductor crossection (wire) 16 AWG Constructor wire Strande cooper wire, bare Nominal voltage AC max. 600 V </td <td>Amount stranding</td> <td>1</td> | Amount stranding | 1 |
| Filler yes wire arangement black, green, while Cable weigh 13.75 g/m Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-tree Outer-diameter (gacket) 10.30 mm Tolerance outer diameter (shealth) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter tolerance ore insulation 3.05 mm Outer diameter tolerance ore insulation 5 % Ingrediemt freeness wire insulation 265 Diameter of single wires 16 AWG Conductor crossection (wire) 26 Diameter of single wires 16 AWG Conductor crossection (wire) 16 AWG Conductor or socialty (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) | Stranding | 3 wires with 3 Filler twisted |
| wire arrangement black, green, white Cable weigh 137.5 g/m Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (gacket) 10.03 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation i.e. 5 % Ingredient freeness wire insulation i.e. 5 % Ingredient freeness wire insulation i.e. 45 % Mount strands (wire) 26 Diameter of islage wires 16 AWG Conductor crosssection (wire) 16 AWG Conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Curr | Banding | silk paper |
| Gable weigh 137,5 g/m Material jacket PVC Freedom Tom Ingredients (jacket) 10,03 mm Outer-diameter (jacket) 10,03 mm Tolerance outer diameter (gheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter (gheath) ± 5 % Material wire insulation 9.VC Amount wires 3 Outer diameter (relevance core insulation) ± 6 % Ingredient freeness wire insulation tead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Conductor crosssection (wire) 16 AWG Conductor crosssection (wire) 16 AWG Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) acc | Filler | yes |
| Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free Outer diameter (jacket) 10,03 mm Tolerance outer diameter (jacket) 10,03 mm Outer diameter (jacket) 10,03 mm Outer diameter (sheath) ± 5 % Material wrie insulation PVC Armount wries 3 Outer diameter insulation 3,05 mm Outer diameter insulation 16 AVG Anount strands (wrie) 26 Diameter of single wires 16 AWG Conductor crossesceion (wrie) 16 AWG Material conductor wire Stranded copper wire, bare Naminal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min, wire 10 A Electrical resistance line constant wire 13,1 Ωkrm @ 20 °C Ac writsand voltage (wire - wire) 6 kV @ 60 s Max. operating temperature (statc) 105 °C Operating temperature (statc) 105 °C Operating temperature (statc) 105 °C Operating temperature | wire arrangement | black, green, white |
| Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 10.03 mm Tolerance outer diameter (jacket) 10.03 mm Tolerance outer diameter (jacket) 10.03 mm Material Wie insulation PVC Amount wires 3 Outer diameter insulation 3.05 mm Outer diameter tolerance core insulation 15 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crossection (wire) 16 AWG Conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity min. wire 10 A Electrical resistance line constant wire 13,1 D/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-r | Cable weigth | 137,5 g/m |
| Outer-diameter (jacket) 10,03 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 3,05 mm Outer diameter tolerance core insulation ± 5 % Impredient Thereass wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor or spectrum Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC): 400.5(Å) (1-3) Current load capacity (nix wire) 10 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 KV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (static) 90 °C Operating temperature (static) -50 °C Max. operating temperature (static) 90 °C Operating temperature (static) 90 °C Operating temperature (static) 90 °C </td <td>Material jacket</td> <td>PVC</td> | Material jacket | PVC |
| Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 3,05 mm Outer diameter insulation ± 5 % Ingredient freeness wire insulation tead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage (wire - wire) 16 AWG Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (wire - frequency withstand voltage (wire - wire) 6 KV @ 60 s Power frequency withstand voltage (wire - wire) 6 KV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature (static) -20 °C | Freedom from ingredients (jacket) | lead-free, CFC-free |
| Material wire insulation PVC Amount wires 3 Outer diameter insulation 3.05 mm Outer diameter insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor oressection (wire) 16 AWG Conductor orespective (wire) 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (mire wire) 6 kV @ 60 s Power frequency withstand voltage (wire - wire) 6 kV @ 60 s Min: operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Rascoperature max. (dynamic) 90 °C Flame resistance Good, ap | Outer-diameter (jacket) | 10,03 mm |
| Amount wires 3 Outer diameter insulation 3.05 mm Outer diameter insulation 15 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Mominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Gurrent load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) </td <td>Tolerance outer diameter (sheath)</td> <td>±5%</td> | Tolerance outer diameter (sheath) | ±5% |
| Outer diameter insulation 3.05 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) according to NFPA-70 (NEC) : 400.5(Å) (1-3) Current Load capacity (standard) 10.4 M @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - 6 6 kV @ 60 s Min. | Material wire insulation | PVC |
| Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crossection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (win. vire) 10 A Electrical resistance line constant vire 13.1 D/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - according temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chemical resistance Good, application-related testing </td <td>Amount wires</td> <td>3</td> | Amount wires | 3 |
| Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)26Diameter of single wires16 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity (wire - wire)10 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 KV @ 60 sPower frequency withstand voltage (wire - if kV @ 60 sPower frequency withstand voltage (wire - if kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)105 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090Otherwical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, applic | Outer diameter insulation | 3,05 mm |
| Amount strands (wire)26Diameter of single wires16 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(Å) (1-3)Current load capacity (standard)according to NFPA-70 (NEC) : 400.5(Å) (1-3)Current load capacity (standard)according to NFPA-70 (NEC) : 400.5(Å) (1-3)Current load capacity (standard)according to NFPA-70 (NEC) : 400.5(Å) (1-3)Current load capacity (wire - wire)6 KV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (static)-50 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2.2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing IDIN EN 60811-404Bending radius (kixed)10 x Outer diameterBending radius (kixed)10 x Outer diameterTravel speed (C-track)2 Mio.Commercial data2 Mio.Customs tariff number85444290GTIN4048879644716 | Outer diameter tolerance core insulation | ± 5 % |
| Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (min. wire 10 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (static) -20 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related | Ingredient freeness wire insulation | lead-free, CFC-free |
| Conductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire10 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °COperating temperature (incert)105 °COperating temperature min. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistance <td>Amount strands (wire)</td> <td>26</td> | Amount strands (wire) | 26 |
| Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 10 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (ixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter | Diameter of single wires | 16 AWG |
| Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 10 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio. Commercial data 2 Mio. Conternation test 85444290 GTIN 4048879644716 | Conductor crosssection (wire) | 16 AWG |
| Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 10 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) -20 °C Chemical 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 resi | Material conductor wire | Stranded copper wire, bare |
| Current load capacity min. wire 10 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C 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 Good, application-related testing Di x Outer diameter Ending radius (fixed) Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio. Conmercial data Eudometer | Nominal voltage AC max. | 600 V |
| Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical 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 Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 × Outer diameter Bending radius (dynamic) 15 × Outer diameter Travel speed (C-track) 2 Mio. Commercial data customs tariff number GTIN 4048879644716 | Current load capacity (standard) | according to NFPA-70 (NEC) : 400.5(A) (1-3) |
| AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C 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 Good, application-related testing Operating timperature (fixed) 10 × Outer diameter Bending radius (fixed) 15 × Outer diameter Travel speed (C-track) 2 Mio. Commercial data Es444290 GTIN 4048879644716 | Current load capacity min. wire | 10 A |
| Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C 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 Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Dil v Outer diameter Bending radius (fixed) 10 x Outer diameter Travel speed (C-track) 2 Mio. Commercial data customs tariff number 85444290 GTIN 4048879644716 | Electrical resistance line constant wire | 13,1 Ω/km @ 20 °C |
| jacket)or V @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)105 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDif comparison10 x Outer diameterBending radius (fixed)10 x Outer diameterTravel speed (C-track)2 Mio.Commercial datasouther diametercustoms tariff number85444290GTIN4048879644716 | AC withstand voltage (wire - wire) | 6 kV @ 60 s |
| Max. operating temperature (fixed) 105 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C 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 Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Dil value 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio. Commercial data 2 Mio. customs tariff number 85444290 GTIN 40488796447 | | 6 kV @ 60 s |
| Operating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.Commercial datacustoms tariff number85444290GTIN4048879644716 | Min. operating temperature (static) | -50 °C |
| Operating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.Commercial datacustoms tariff number85444290GTIN4048879644716 | Max. operating temperature (fixed) | 105 °C |
| 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 Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio. Commercial data customs tariff number 85444290 GTIN 4048879644716 | Operating temperature min. (dynamic) | -20 °C |
| chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio. Commercial data | Operating temperature max. (dynamic) | 90 °C |
| Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.Commercial datacustoms tariff number85444290GTIN4048879644716 | Flame resistance | UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 |
| Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio. Commercial data customs tariff number 85444290 GTIN 4048879644716 | chemical resistance | Good, application-related testing |
| Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.Commercial datacustoms tariff number85444290GTIN4048879644716 | Gasoline resistance | Good, application-related testing |
| Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio. Commercial data 2 Mio. customs tariff number 85444290 GTIN 4048879644716 | Oil resistance | Good, application-related testing DIN EN 60811-404 |
| Travel speed (C-track) 2 Mio. Commercial data 2 Mio. customs tariff number 85444290 GTIN 4048879644716 | Bending radius (fixed) | 10 x Outer diameter |
| Commercial data customs tariiff number 85444290 GTIN 4048879644716 | Bending radius (dynamic) | 15 x Outer diameter |
| customs tariff number 85444290 GTIN 4048879644716 | Travel speed (C-track) | 2 Mio. |
| GTIN 4048879644716 | Commercial data | |
| | customs tariff number | 85444290 |
| Packaging unit 1 | GTIN | 4048879644716 |
| | Packaging unit | 1 |

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: 2024-05-18

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