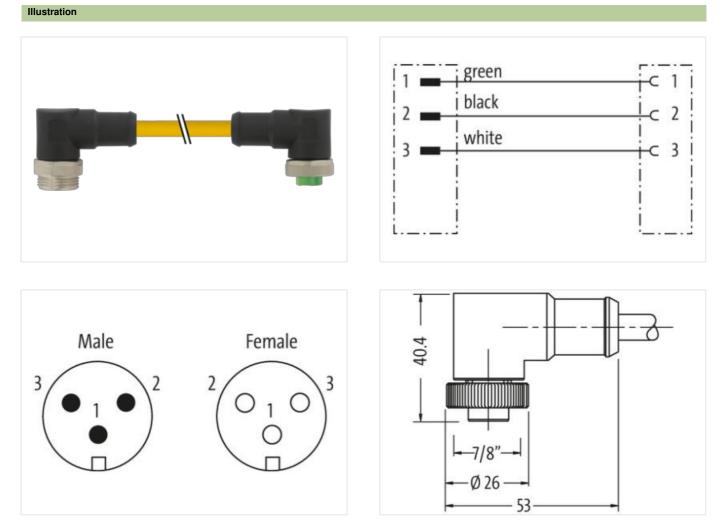


## Mini (7/8) 3 pole, Male (Ext.) 90°/Female 90°

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.

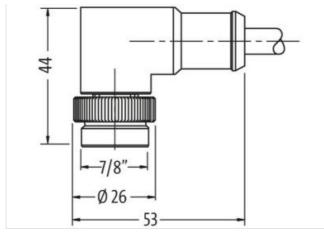
## Link to Product



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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