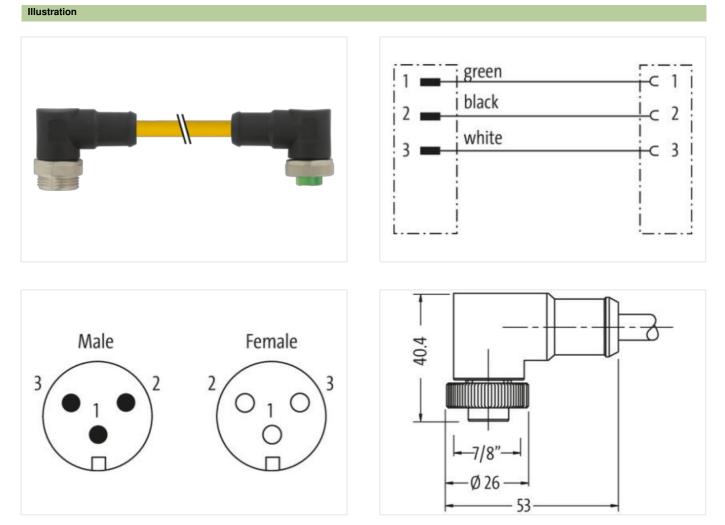


## Mini (7/8) 3 pole, Male (Ext.) 90°/Female 90°

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.

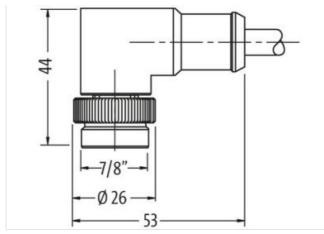
## Link to Product



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: 2024-05-03

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Product may differ from Image



Cable length	10 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       Jacket Color     yellow       Type of Cartificate     cURus       Amount stranding     1       Stranding     3 wires with 3 Filler twisted       Banding     ille paper       Filler     yes       wire arrangement     black, green, while       Cable weigh     137.5 g/m       Material jacket     PVC       Freedom from ingradients (jacket)     lead-free, CFC-free       Outer diameter (jacket)     10.30 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     9.05 mm       Outer diameter insulation     3.06 mm       Outer diameter insulation     1.5 %       Ingradent freeness wire insulation     1.6 AWG       Conductor crassetion (wire)     26       Diameter of single wires     16 AWG       Conductor crassetion (wire)     16 AWG       Conductor crassetion (wire)     61 AWG       Conductor crassetion (wire)     64 VG 0.05 (A) (1.3)       Current tola cap	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, while     Cable weigh   137.5 g/m     Material jacket   PVC     Freedom from ingredients (jacket)   lead-free, CFC-free     Outer-diameter (glacket)   10.03 mm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   2.6 %     Ingredient freeness wire insulation   ± 5 %     Ingredient freeness wire insulation   2.6     Diameter of single wires   16 AWG     Conductor crossection (wire)   16 AWG     Material onductor wire   Stranded copper wire, bare     Nominal voltage AC max.   600 V     Current load capacity (strander)   according to NFA-70 (NEC) : 400.5(A) (1-3)     Current load capacity (wire - wire)   6 kV @ 60 s     Min. operating temperature (static)   -50 °C     Max. operating temperature (static)   -50 °C     O	Cable identification	UBB
Amount stranding   1     Stranding   3 wires with 3 Filler twisted     Banding   silk paper     Filler   yes     wire arrangement   black, green, white     Cable weigth   137,5 g/m     Material jacket   PVC     Freedom from ingredients (jacket)   lead-free, CFC-free     Outer-diameter (jacket)   10,03 mm     Tolerance outer diameter (sheath)   ± 5 %     Material vire insulation   PVC     Amount vires   3     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 ore insulation   lead-free, CFC-free     Amount strands (wire)   26     Diameter of single wires   16 AWG     Conductor ore soccestedion (wire)   16 AWG     Conductor ore soccestedion (wire)   16 AWG     Conductor wire   Stranded copper wire, bare     Nominal voltage AC max.   600 V     Current load capacity (strandard)   according to NFPA-70 (NEC) : 400.5(A) (1-3)     Curre	Jacket Color	yellow
Stranding   3 wires with 3 Filler twisted     Banding   silk paper     Filler   yes     wire arrangement   black, green, white     Cable weigth   137,5 g/m     Material jacket   PVC     Freedom from ingredients (jacket)   lead-free, CFC-free     Outer diameter (jacket)   10,03 nm     Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     Outer diameter tolerance core insulation   9,05 mm     Outer diameter tolerance core insulation   ± 5 %     Ingredient freeness wire insulation   4,05 mm     Outer diameter tolerance core insulation   ± 5 %     Ingredient freeness wire insulation   4,04 MG     Conductor rorssection (wire)   16 AWG     Conductor wire   Stranded copper wire, bare     Nominal voltage K max.   600 V     Current load capacity withstand voltage (wire - reise)   6 kW @ 60 s     Power frequency withstand voltage (wire - reise)   6 kV @ 60 s     Power frequency withstand voltage (wire - reise)   -20 °C     Act withstand voltage (wire - reise)   -20 °C     A	Type of Certificate	cURus
Bandingsilk paperFilleryeswire arrangementblack, green, whiteCable weigh137,5 g/mMaterial jacketPVCFreedom from ingredients (jacket)lead-free, CFC-freeOuter-diameter (jacket)10.03 mmTolerance outer diameter (sheath) $\pm$ 5 %Material wire insulationPVCAmount wires3Outer diameter tolerance core insulation3.05 mmOuter diameter tolerance core insulation $\pm$ 5 %Ingredient teeness wire insulation $\pm$ 5 %Ingredient treeness wire insulation $\pm$ 6 %Diameter of single wires16 AWGConductor vireStranded copper wire, bareNominal voltage AG 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 withstand voltage (wire - wire) $6  kV @ 60  s$ Power frequency withstand voltage (wire - ine) $6  kV @ 60  s$ Min. operating temperature (ked) $105  ^{\circ}C$ Operating temperature (ked) $00  ^{\circ}C$ Flame resistanceGood, application-related testingOperating temperat	Amount stranding	1
Filer     yes       wire arrangement     black, green, white       Cable weigth     137,5 g/m       Material jacket     PVC       Freedom from ingredients (jacket)     lead-free, CFC-free       Outer-cilameter (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 %       Material wire insulation     3.05 mm       Outer diameter tolerance core insulation     ± 5 %       Material wire insulation     lead-free, CFC-free       Amount strands (wire)     26       Diameter of single wires     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 wirkstand voltage (wire - wire)     6 kV @ 60 s       Power frequency withstand voltage (wire - wire)     6 kV @ 60 s	Stranding	3 wires with 3 Filler twisted
Wire arrangement     black, green, white       Cable weigth     137,5 g/m       Material jacket     PVC       Freedom from ingredients (jacket)     lead-free, CFC-free       Outer-diameter (jacket)     10.03 mm       Tolerance outer diameter (sheath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     PVC       Amount wires     3       Outer diameter insulation     3.05 mm       Outer diameter insulation     is 5 %       Ingredient freeness wire insulation     lead-free, CFC-free       Amount strands (wire)     26       Diameter of single wires     16 AWG       Conductor orsesection (wire)     16 AWG       Conductor orsesection (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 min. wire     10 A       Electrical resistance line constant wire     13, 10km @ 20 °C       AC withstand voltage (wire - wire)     6 kV @ 60 s       Min. operatin	Banding	silk paper
Cable weigth   137,5 g/m     Material jacket   PVC     Freedom from ingredients (jacket)   lead-free, CFC-free     Outer-diameter (jacket)   10,03 mm     Tolerance outer diameter (sheath)   15 %     Material wire insulation   PVC     Amount wires   3     Outer diameter insulation   9VC     Amount wires   3     Outer diameter insulation   3,05 mm     Outer diameter loberance core insulation   16 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 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    M	Filler	yes
Material jacket     PVC       Freedom from ingredients (jacket)     lead-free, CFC-free       Outer-diameter (jacket)     10,03 mm       Tolerance outer diameter (skeath)     ± 5 %       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     9VC       Amount wires     3       Outer diameter insulation     3,05 mm       Outer diameter insulation     1 ± 5 %       Ingredient freeness wire insulation     lead-free, CFC-free       Amount strands (wire)     26       Diameter of single wires     16 AWG       Conductor wire     Stranded coper 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 (standard)     according to NFPA-70 (NEC) : 400.5(A) (1-3)       Current load capacity (standard)     according to NFPA-70 (NEC) : 400.5(A) (1	wire arrangement	black, green, white
Treadom from ingredients (jacket)   lead-free, CFC-free     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   1ead-free, CFC-free     Amount wires   3     Outer diameter tolerance core insulation   lead-free, CFC-free     Amount strands (wire)   26     Diameter of single wires   16 AWG     Conductor orssection (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 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 - for C   6 kV @ 60 s     Min. operating temperature (fixed)   105 °C     Operating temperature (fixed)   105 °C     Operating temperature (fixed)   105 °C     Operating temperature (fix	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 %       Ingredient freeness wire insulation     lead-free, CFC-free       Amount strands (wire)     26       Diameter of single wires     16 AWG       Material 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 Ω/km @ 20 °C       AC withstand voltage (wire - wire)     6 kV @ 60 s       Power frequency withstand voltage (wire - igacting temperature (static)     -50 °C       Max. operating temperature (fixed)     105 °C       Operating temperature (min, (dynamic)     -20 °C       Operating temperature fixed     UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090       cheme resistance     Good, application-related testing       Gasoline resistance     Good, application-related testing       Oil resistance     Good, application-related testing <	Material jacket	PVC
Tolerance outer diameter (sheath)   ± 5 %     Material wire insulation   PVC     Amount wires   3     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(A) (1-3)     Current load capacity win. 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 - iacket)   105 °C     Operating temperature (fixed)   105 °C     Operating temperature (max)   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<	Freedom from ingredients (jacket)	lead-free, CFC-free
Material wire insulation     PVC       Amount wires     3       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       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 min. wire     10 A       Electrical resistance line constant wire     13,1 Ω/km @ 20 °C       AC withstand voltage (wire - isk (	Outer-diameter (jacket)	10,03 mm
Amount wires   3     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(A) (1-3)     Current load capacity (wire - 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 (min. (dynamic)   -20 °C     Operating temperature (static)   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, ap	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation3,05 mmOuter diameter tolerance core insulation± 5 %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)6 kV @ 60 sPower frequency withstand voltage (wire - wire)6 kV @ 60 sMin. operating temperature (static)-50 °CMax. operating temperature (fixed)105 °COperating temperature (fixed)105 °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-relate	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 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 (wire - wire)   6 kV @ 60 s     Power frequency withstand voltage (wire - ison of kV @ 60 s   6 kV @ 60 s     Min. operating temperature (static)   -50 °C     Max. operating temperature (static)   -20 °C     Operating temperature (static)   -20 °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, applicatio	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 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 °CMax. operating temperature (fixed)105 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2   IEC 6032:2:2   UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistance<	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(A) (1-3)Current 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 °CMax. operating temperature (fixed)105 °COperating temperature max. (dynamic)-20 °COperating temperature max. (dynamic)90 °CFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related test	Outer diameter tolerance core insulation	±5%
Diameter 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 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 °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 testingOll resistanceGood, application-related testingOll resistanceGood, application-related testingOll resistanceI0 x Outer diameter	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 °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 testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Amount strands (wire)	26
Material 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 °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 testingO	Diameter of single wires	16 AWG
Nominal 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 °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	Conductor crosssection (wire)	16 AWG
Current 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 °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 testingOil resistanceGood, application-related testing </td <td>Material conductor wire</td> <td>Stranded copper wire, bare</td>	Material conductor wire	Stranded copper wire, bare
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 °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 testingOil resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Nominal voltage AC max.	600 V
Electrical 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 °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 testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
AC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 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 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Current load capacity min. wire	10 A
Power frequency withstand voltage (wire - jacket)6 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 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	Electrical resistance line constant wire	13,1 Ω/km @ 20 °C
jacket)or NV @ 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 testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	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   DIN EN 60811-404     Bending radius (fixed)   10 x Outer diameter		6 kV @ 60 s
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   DIN EN 60811-404     Bending radius (fixed)   10 x Outer diameter	Min. operating temperature (static)	-50 °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   DIN EN 60811-404     Bending radius (fixed)   10 x Outer diameter	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	Operating temperature min. (dynamic)	-20 °C
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	Operating temperature max. (dynamic)	0° 0€
Gasoline resistanceGood, application-related testingOil resistanceGood, application-related testing   DIN EN 60811-404Bending radius (fixed)10 x Outer diameter	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	chemical resistance	Good, application-related testing
Bending radius (fixed) 10 x Outer diameter	Gasoline resistance	Good, application-related testing
	Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (dynamic) 15 x Outer diameter	Bending radius (fixed)	10 x Outer diameter
	Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track) 2 Mio.	Travel speed (C-track)	2 Mio.
Commercial data	Commercial data	
customs tariff number 85444290	customs tariff number	85444290
GTIN 4048879644723	GTIN	4048879644723
Packaging unit 1	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: 2024-05-03

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