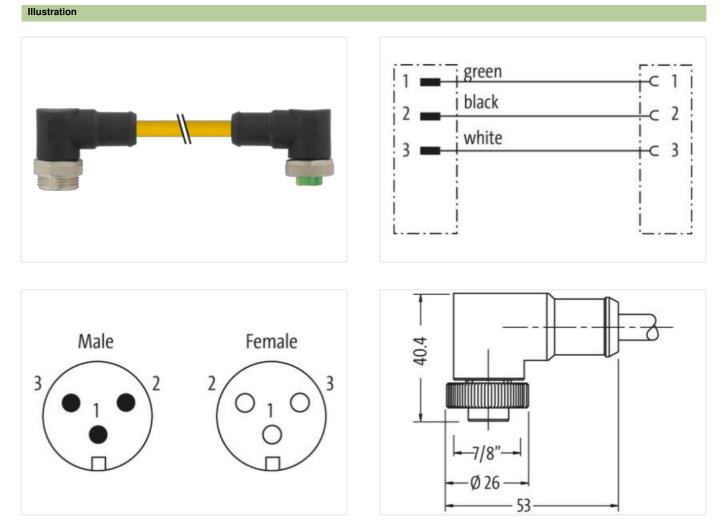


Mini (7/8) 3 pole, Male (Ext.) 90°/Female 90°

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.

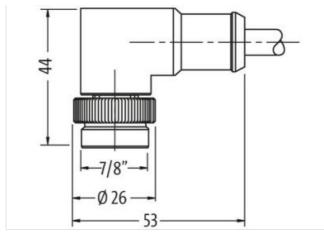
Link to Product



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: 2024-05-20

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Product may differ from Image



Cable length	1,5 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
_ocking 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.	0° ℃
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 Certificate cuPus Amount stranding 1 Stranding 3 wires with 3 Filler twisted Bandring silk paper Filler yes wire arrangement black, green, while Cable weigh 137.5 g/m Material jacket PVC Freedom from ingradients (jacket) 10.3 mm Outer diameter (glack) 10.3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Ingradient freeness wire insulation 9 CG Outer diameter (sheath) ± 5 % Material wire insulation 9 VG Outer diameter (sheath) ± 5 % Material wire insulation 9 VG Outer diameter (sheath) ± 5 % Material conductor wires 3 Outer diameter (sheath) ± 5 % Manual strands (wire) 26 Diameter of a single wires 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)	STOOW style jacket	STOOW
Type of Certificate CURus Amount stranding 1 Stranding 3 wives with 3 Filler twisted Banding silk paper Filler yes wire arrangement black, green, white Cable weigh 137.5 g/m Material jackat PVC Freedom from ingredents (jacket) lead-free, CFC-free Outer diameter (jacket) 10.03 mm Tolorance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount Wires 3 Outer diameter (sheath) ± 5 % Material wire insulation PVC Ingredent freeness wire insulation 9 Outer diameter insulation 26 Diameter of single wires 16 AWG Conductor crossection (wire) 15 AWG Conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current toal capacity (standard) according to NEPA-70 (NEC): 400.5(A) (1-3) Current toal capacity (standard) according to NEPA-70 (NEC): 400.5(A) (1-3) Current toal capacity (Cable identification	UBB
Amount stranding 1 Stranding 3 wires with 3 Filler twisted Banding sik paper Filler yes wire arrangement black, green, white Gable weight 137,5 g/m Material jacket PVC Freadom from ingredents (jacket) lead-tree, CFC-tree Outer diameter (jacket) 10,03 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PVC Amount Wries 3 Outer diameter (sheath) ± 5 % Ingredient freeness wire insulation ± 5 % Ingredient freeness wire insulation lead-tree, CFC-tree Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Corrent 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 (winstand voltage (wire - 6 kV @ 60 s Moninal voltage (wire - wire) 6 kV @ 60 s More coperating temperature (static) -50 °C Max. operating temperature (static) </td <td>Jacket Color</td> <td>yellow</td>	Jacket Color	yellow
Stranding 3 wires with 3 Filler twisted Banding silk paper Filler yes wire arrangement black, green, white Cable weight 137,5 ym Material jacket PVC 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 Tolerance outer diameter (jacket) 9 VC Amount wires 3 Outer diameter insulation PVC Amount strands (wire) 26 Diameter of learnace core insulation lead-free, CFC-free Amount strands (wire) 26 Outer diameter of learnace core insulation lead-free, CFC-free Amount strands (wire) 26 Order diameter of learnace core insulation lead-free, CFC-free Amount strands (wire) 16 AWG Conductor cossesciton (wire) 16 AWG Canductor 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) acc	Type of Certificate	cURus
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 Outer-diameter (jacket) 10,03 mm Tolarance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount twires 3 Outer diameter insulation 3.05 mm Outer diameter insulation 3.05 mm Outer diameter insulation 4.5 % Ingredient freeness wire insulation 4.5 % Ingredient freeness wire insulation 4.6 MG Conductor cossesceion (wire) 28 Diameter of single wires 16 AWG Conductor wires 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 withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - wire) 6 kV @ 60 s Max. operating temperature (iked) 105 °C Operating temperature (iked) 105 °C Operating temperature (iked) 105 °C Operating temperature (ikonanic) 90 °C Fiam	Amount stranding	1
Filter 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 (jacket) 10.03 mm Tolerance outer diameter (jacket) 10.03 mm Tolerance outer diameter (jacket) 15 % Material wise insulation PVC Amount wires 3 Outer diameter fusculation 16 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor resossection (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 13.1 Ωkm @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Mix. operating temperature (statc) -50 °C Max. operating temperature (statc)	Stranding	3 wires with 3 Filler twisted
vire arrangement black, green, white Cable weigth 137,5 g/m Material jacket PVC Freadom 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 insulation 3,05 mm Outer diameter insulation lead-free, CFC-free Amount wires 3 Tigredien theoress wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Gonductor or 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 (standard) </td <td>Banding</td> <td>silk paper</td>	Banding	silk paper
Cable weigth137,5 g/mMaterial jacketPVCFreedom from ingredients (jacket)lead-free, CFC-freeOuter diameter (gaket)10,03 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPVCAmount wires3Outer diameter insulation3.05 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulation16 AWGConductor crosssection (wire)16 AWGCurrent 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)Current load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity (standard)according to NFPA	Filler	yes
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 3,05 mm Outer diameter lolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crossection (wire) 18 AWG Conductor vire 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 (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) Gurrent	wire arrangement	black, green, white
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 3,05 mm 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 crossesection (wire) 16 AWG Conductor crossesection (wire) 16 AWG Conductor orwire 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 wint. wire 10 A Electrical resistance line constant wire 13,10 km @ 20 °C Ack withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) -20 °C Power frequency withstand voltage (wire - Good, application-related testing Gasoline re	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 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 Conductor crossection (wire) 16 AWG Conductor vire 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 - jacket) 105 °C Operating temperature (fixed) 105 °C Operating temperature (fixed) 105 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) -50 °C Max. operating temperature (fixed) 105 °C Operating tem	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 cossection (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 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 - iso °C 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Querating temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing <td>Freedom from ingredients (jacket)</td> <td>lead-free, CFC-free</td>	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 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 (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity winstand voltage (wire - isistance line constant wire 13, 12/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Min. operating temperature (static) -50 °C Operating temperature (static) -50 °C Operating temperature (fixed) 105 °C	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 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 (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 - ir) 6 kV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating temperature (mire) 90 °C Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Chirtestance Good, application-related testing Gasoline resistance Good, application-related testing Gline resistance Good, application-related testing Olin resistance Good,	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(A) (1-3) Current load capacity (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 10 5 °C Min. operating temperature (liked) 105 °C Operating temperature (min. (dynamic)) -20 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) -20 °C Operating temperature min. (dynamic) -20 °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 Oill resist	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 (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 - iacket) 50 °C Max. operating temperature (static) -50 °C Operating temperature (static) -20 °C Operating temperature max. (dynamic) -20 °C Operating temperature max. (dynamic) 90 °C Flame resistance UL 1581 § 1100 FT2 EC 60332-2-2 UL 1581 § 1090 chemical resis	Amount wires	3
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 (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) Gurrent 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) Gurrent load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Gurrent load capacity (standard) 0 A Electrical resistance 6 kV @ 60 s	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 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)66 kV @ 60 sMin. operating temperature (static)-50 °COperating temperature (static)-50 °COperating temperature (static)-50 °COperating temperature (static)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	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 (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 testingDin x Outer diameterBending radius (dynamic)Bendin	Ingredient freeness wire insulation	lead-free, CFC-free
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 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 - iacket) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 50 °C Min. 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 Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10	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 testing DIN EN 60811-404Bending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.	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 (ixed)105 °COperating temperature (mixed)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 testingDi x Outer diameterEnding radius (dynamic)Tareel speed (C-track)2 Mio.	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 testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDiv Outer diameterBending radius (fixed)Bending radius (dynamic)15 × Outer diameterTravel speed (C-track)2 Mio.	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 diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.	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 diameterBending radius (dynamic)2 Mio.	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 diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.	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 diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.	Electrical resistance line constant wire	13,1 Ω/km @ 20 °C
jacket)or Vr (b do 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 diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.	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 Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio.		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.	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.	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.	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 Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 2 Mio.	Operating temperature max. (dynamic)	90 °C
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.	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.	chemical resistance	Good, application-related testing
Bending radius (fixed)10 x Outer diameterBending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)15 x Outer diameterTravel speed (C-track)2 Mio.	Oil resistance	Good, application-related testing DIN EN 60811-404
Travel speed (C-track) 2 Mio.	Bending radius (fixed)	10 x Outer diameter
	Bending radius (dynamic)	15 x Outer diameter
Commercial data	Travel speed (C-track)	2 Mio.
	Commercial data	
customs tariff number 85444290	customs tariff number	85444290
GTIN 4048879634373	GTIN	4048879634373
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: 2024-05-20

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