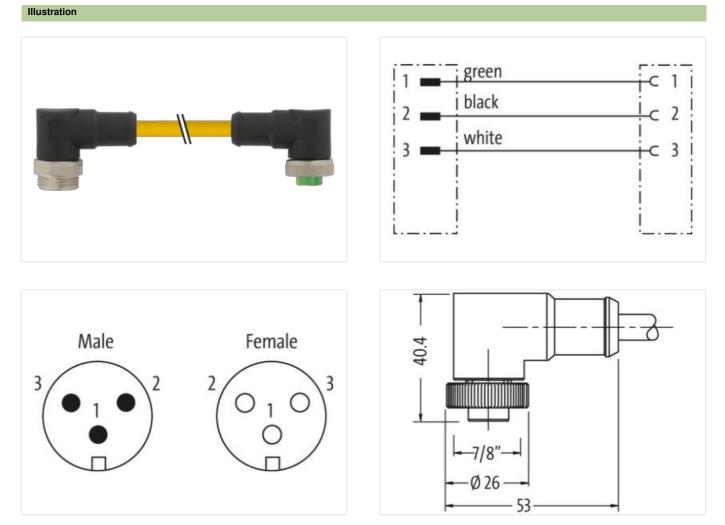


Mini (7/8) 3 pole, Male (Ext.) 90°/Female 90°

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.

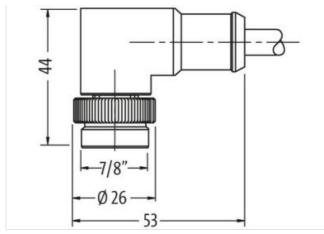
Link to Product



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: 2024-05-06

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com





Product may differ from Image



Cable length	7,5 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
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.	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	

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: 2024-05-06

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com



Cable identification UBB Jackat Color yellow Type of Certificate cURus Arrount stranding 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 jazed PVC Freedom from ingredients (jacket) lead free, CFC free Outer diameter (glacket) 10.03 mm Tolerance user diameter (sheath) 5.5 % Matural jazed PVC Arrount wires 3 Outer diameter installation 2.6 % Matural instance wire installation 3.05 mm Outer diameter installation 1.6 % Endersource wire installation 1.6 % Carler of aingle wires 16 AWG Conductor conserverse wire installation 1.6 % Carler of aingle wires 16 AWG Conductor consecostion (wire) 16 AWG Conductor wires bite constallation 1.6 % Exeristable strated	STOOW style jacket	STOOW
Type of Certificate cURus Amount stranding 1 Stranding 3 wires with 3 Filter twisted Banding silk paper Filter 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 wires 3 Outer diameter insulation 5.5% Ingredient freeness wire insulation 1.5 % Diameter of single wires 16 AWG Conductor conseascienton (wire) 26 Diameter of single wires 16 AWG Contractor conseascienton (wire) 16 AWG Contractor conseascienton (wire) 16 AWG Contrent load capacit	Cable identification	UBB
Arnount stranding 1 Stranding 3 wires with 3 Filer twisted Banding sik paper Filler yes wire arrangement black, green, white Cable weigh 137.5 g/m Material jacket PVC Freedom from ingredients (jacket) 10.03 mm Tolerance outer diameter (shealth) ± 5 %. Material yes insulation PVC Amount wires 3 Outer diameter (shealth) ± 5 %. Ingredient freeness wire insulation NCC Ingredient freeness wire insulation 16 AWG Conductor consessection (wire) 16 AWG Conductor wire Stranded copper wire, bare Nominal votage AC max. 600 V Current load capacity virtual wire 10 A Electrical resistance line constant wire 13.1 Ω km @ 20 °C Act W@ 60 s S Power frequeny withstard votage (wire - site) 60 K @ 60 s Min. operature (stalck) 50 °C Min. operature (wired) 105 °C Coperating temperature (stalck) 50 °C Min. operating temperature (wire - fe KW @ 60 s <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 g/m Mabrial jackd PVC Freedom from ingredients (jacket) lead-free, CFC-free Outer diameter (jacket) 10.03 mm Tolerance outer diameter (sheath) 15 % Material swite insulation PVC Amount wires 3 Outer diameter insulation 3.05 mm Outer diameter insulation 16.4 free, CFC-free Amount strands (wire) 26 Diameter to Isingle wires 16 AWG Material conclusion (wire) 16 AWG Material conclusion (wire) 16 AWG Material conclusion (wire) 16 AWG Current load capacity rinn. wire 10 A Current load capacity rinn. wire 10 A Electrical resistance line constant wire 13.1 Okm @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequeny withstand voltage (wire - wire) 6 kV @ 60 s Power frequeny withstand voltage (wire - wire) 90 °C <t< td=""><td>Type of Certificate</td><td>cURus</td></t<>	Type of Certificate	cURus
Banding silk paper Filer yes wire arangement black, green, white Cable weigth 137.5 g/m Material jackat PVC Freadom from ingredients (jacket) 10,03 mm Tolerance outer diameter (jacket) 10,03 mm Tolerance outer diameter (jacket) 10,03 mm Tolerance outer diameter (jacket) 10,03 mm Outer diameter (jacket) 10,03 mm Outer diameter (jacket) 3,05 mm Outer diameter insulation 3,05 mm Outer diameter insulation 16,475 % Ingredient tieneass wire insulation 16 adv16e Outer diameter insulation 16 AWG Conductor crossection (wire) 16 AWG Conductor or secosection (wire) 16 AWG Conductor crossection (wire) 10 AWG Current load capacity (istandard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (istandard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (istandard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (istandard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (istandard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (istandard) according to NFPA-70 (NEC) : 400.5(A) (1-3) </td <td>Amount stranding</td> <td>1</td>	Amount stranding	1
Filler yes wire arangement black, green, while Cable weigh 137,5 g/m Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-tree Outer-diameter (gacket) 10.30 mm Tolerance outer diameter (sheath) ± 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 Conductor or sociality for APA-76 (NEC) : 4400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 4400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 4400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 4400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 4400.5(A) (1-3) Current load capacity min. wire 10 A Electrical resistance line constant wire 15.1 0km @ 20 °C Acc wi	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 iead-free, CFC-free Amount wires 3 Outer diameter tolerance core insulation iead-free, CFC-free Amount wires 6 % 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 (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A)	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 (jacket) 10,03 mm Outer diameter insulation PVC Amount wires 3 Outer diameter insulation 3,05 mm Outer diameter insulation 16 AWG Amount strands (wire) 26 Diameter of single wires 16 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Naminal voitage 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 Ωkm @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Min. operating temperature (fixed) 105 °C Operating temperature (fixed) 105 °C Operating temperature (fixed) 105 °C Operating temperatu	wire arrangement	black, green, white
Freedom from ingredients (jacket) Iead-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 1.6 AWG Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 2.6 Diameter of single wires 1.6 AWG Conductor crossection (wire) 1.6 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 Power froquency withstand voltage (wire - iso) °C Max. operating temperature (static) Ac withstand voltage (wire - wire) 6 kV @ 60 s Max. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operating	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 sestedion (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 (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) -50 °C Max. operating temperature max. (dynamic) 90 °C Operating temperature (static) -50 °C Gaseline resistance Good, application	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 Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity mire inter 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 Ope	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 win. wire 10 A Electrical resistance for AV @ 60 s Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Operang temperature max. (dynamic) 90 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related t	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) 6 kV @ 60 s Power frequency withstand voltage (wire - if a kV @ 60 s 5 Power frequency withstand voltage (wire - if a kV @ 60 s 6 kV @ 60 s Min: operating temperature (fixed) 105 °C Operating temperature (static) -50 °C Max. operating temperature (static) -20 °C 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 <	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 (static)-50 °CMax. operating temperature (static)-50 °COperating temperature max. (dynamic)90 °CFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090Othernical 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 number85444290GTIN4048879634380	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 (inced)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 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 (ifxed) 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	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 testing GIN GIN 4048879634380	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. Commercial data Eustoms tariff number	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 Dil resistance Good, application-related testing Travel speed (C-track) 2 Mio. Commercial data 2 Mio. Costing striff number 85444290 GTIN 4048879634380	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 4048879634380	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 voluer diameter Bending radius (fixed) 10 x Outer diameter Imperediated testing Commercial data 2 Mio. Commercial data Est44290 GTIN 4048879634380	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 number85444290GTIN4048879634380	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 40488796343		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 number85444290GTIN4048879634380	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 number85444290GTIN4048879634380	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 Oil resistance Good, application-related testing 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 4048879634380	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 Dil resistance Good, application-related testing Dil resistance Good, application-related testing Dil resistance Good, application-related testing 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 number85444290GTIN4048879634380	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 4048879634380	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 number85444290GTIN4048879634380	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 4048879634380	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 4048879634380	Bending radius (fixed)	10 x Outer diameter
Commercial data customs tariff number 85444290 GTIN 4048879634380	Bending radius (dynamic)	15 x Outer diameter
customs tariff number 85444290 GTIN 4048879634380	Travel speed (C-track)	2 Mio.
GTIN 4048879634380	Commercial data	
	customs tariff number	85444290
Packaging unit 1	GTIN	4048879634380
	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: 2024-05-06

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com