

7/8" male 0° / 7/8" female 0°

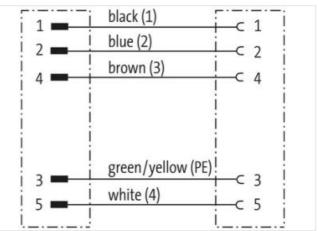
PUR 5x1.0 gy 7.5m

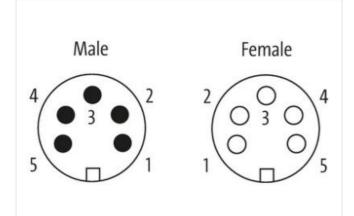
Male straight – female straight 7/8" – 7/8", 5-pole Power cable Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

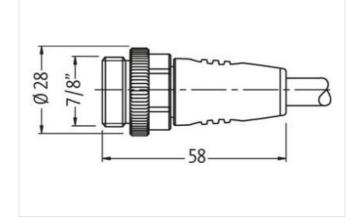
Link to Product

Illustration





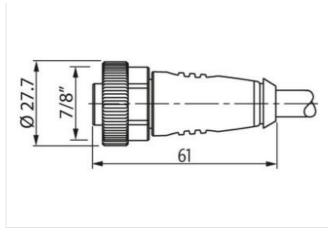




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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Product may differ from Image



Outline has all	
Cable length	7,5 m
Side 1	
Tightening torque	1,5 Nm
Thread	7/8"
Side 2	
Tightening torque	1,5 Nm
Thread	7/8"
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060327
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879138376
Packaging unit	1
Electrical data Supply	
Current operating per contact max.	12 A
Current phase - neutral	230 V
Current phase - phase	400 V
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Rated surge voltage	3 kV
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climation	c

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Operating temperature may. 85 °C Additional condition temperature range depending on cable quality Textination (Cable) Excellentification Cable identification 963 Printing color of wire insulation black (while isolation black), black (isolation brown), black (imulation blue) Jacket Color gray Amount Stranding 1 Stranding 5 wire aroangement Weite arrongement white (A bown 3, green yellow, blue 2, black 1 Cable weight 86 g grm Material jacket PUR Shore hardness jacket PUR Shore hardness jacket PUR Color (inner gickel) 96 1 : 5 Store A Terectom from ingradientis (jackul) 10 at fraue, scarhnum fraue, PCF rate, allicome free Color (inner gickel) PVC Color (inner gickel) PVC Color (inner gickel) PVC Color (inner gickel) 2 mn	Operating temperature min.	-25 °C
Institution (Cable Cable identification 965 Printing color of wire insulation black (white isolation), white (solation black), black (isolation brown), black (insulation blue) Jacket Color gray Arnount stranding 1 Stranding syrise around Filter twisted Filter yes wire arrangement white 4, brown 3, green-yellow, blue 2, black 1 Cable weight 68,8 grm Material jacket PUR Strone hardness jacket PUR Fore Andress jacket PUR Fore and the insulation 168,5 % Material inner insulation 1,2 min Tolerance cuter dimather (tacket) 7,2 min Tolerance cuter dimather (tacket) 7,2 min Color (inner jacket) 970 Color (inner jacket) 970 Color (inner jacket) 970 Color (inner jacket) 974 Armount writes 5 Coldre diamather insulation 160 ± 5 % Store In Landinses wire insulation 160 ± 5 % Store Interfores wire insulation <t< td=""><td>Operating temperature max.</td><td>85 °C</td></t<>	Operating temperature max.	85 °C
Cable identification 965 Printing color of twie insulation black (while isolation), while (solation black), black (isolation brown), black (insulation blue) Jacket Color gray Amount stranding 1 Stranding 5 wires around Filter twisted Filter yes wire arrangement while 4, torown 3, green-yellow, blue 2, black 1 Cable weigh 68.9 grm Material jacket PUR Strow fandmess jacket 90.5 9 Store A Freedom from rignedions (tackol) 12.4 Store A Outer diameter (tacket) 7.2 mm Torebrance outer diameter (sheath) 1.5 % Material inner jackot PVC Color (mer jacket) gray Amount wires 5 Outer diameter (sheath) 2.5 % Store hardness wire insulation 60.5 % Store D Ingredient freenees wire insulation 60.5 % Store D Outer diameter (sheath) 2.5 % Store hardness wire insulation 60.5 % Store D Ingredient freenees wire insulation 80.5 % Store D Store hardness wire insulation<	Additional condition temperature range	depending on cable quality
Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Jacket Color gray Amount stranding 1 Stranding 5 wires around Filler twisted Filler yes wire arrangement while 4, brown 3, green-yellow, blue 2, black 1 Cable weight 86.8 g/m Material jacket PUR Shore hardness jackot 90.1 5 Shore A Freedom from ingredents (jacket) lead-free, caffium-free, CPC-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) 1.5 % Material insekt PVC Colar (inter jacket) gray Material insekt PVC Colar (inter jacket) gray Material insekt PVC Colar diameter insulation 2 mm Outer diameter insulation 6 9 ± 5 Shore D Ingredomt foreness wie insulation 16 ± 5 Shore D Finardout ingredients insulation 18 ± 5 Shore D Stranded coper wire, bare 0.205 mm Conductor type (wire)<	Installation Cable	
Jackat Color gray Amount stranding 1 Starading 5 wires around Filler twisted Filler yes wire arrangement white 4, hown 3, green-yellow, blue 2, black 1 Cable weight 86,8 gr/m Material jacket 90 ± 5 Shore A Freedom from ingrotents (jacket) 100 ± 5 Shore A Freedom from ingrotents (jacket) 100 ± 5 Shore A Freedom from ingrotents (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (mer jacket) 972 Color (mer jacket) 972 Amount wires 5 Shore hardness wire insulation PP Amount wires 5 Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation 15 % Shore hardness wire insulation 100 ± 5 Shore D Ingredient freeness wire insulation 100 ± 5 Shore D Conductor arossection (wire) 28 Diameter of single wires 0.205 mm Conductor view (withe lisolation), white (solation black), black (isolation brown), black (insulation blue) Amount strands (wire) Conductor view (wire) Strand class 5 Correct Conductor view 5 Strand class 5 Correct Conductor view 6 Strand class 6 Correct Conductor view 6 Strand class 5 Corect C	Cable identification	965
Amount stranding 1 Stranding 5 wires around Filler twisted Filler yes wire arrangement while 4, brown 3, green yellow, blue 2, black 1 Cable weight 86,9 g/m Material jacket PUR Store hardness jacket 90.2 5 Shore A Freedom from ingredients (jacket) 12,8 Shore A Out- diameter (jacket) 7,2 mm Tolerance outer diameter (heath) 1,5 % Material incer (jacket) gray Material veri insulation PP C Outer diameter tolerance core insulation 1 5 % Store hardness (veri insulation Bed Free, CPC-free, halogen-free Printing color of wire insulation Bed Free, CPC-free, halogen-free Printing color of wire insulation Bed S Shore D Ingredient freeness wire insulation Bed S Shore D	Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Stranding 5 wires around Filler twisted Filler yes wire arrangement wihile 4, brown 3, green-yellow, blue 2, black 1 Cable weigth 86,9 g/m Material jacket PUR Shore hardness jacket 90 1 5 Shore A Freedom from ingradients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material inner isulation PP Amount wiros 5 Outer diameter insulation 2 mm Outer diameter insulation 45 % Shore hardness wire insulation black (white isolation), white (solation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0.205 mm Conductor or oscilarity (standard) to DV VEE 2284-4 Current load capacity (standard)	Jacket Color	gray
Filler yes wire arrangement witte 4, brown 3, green-yellow, blue 2, black 1 Cable weigh 66.9 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7.2 mm Tolerance outer diameter (jacket) 7.2 mm Tolerance outer diameter (jacket) 92 ± 5 Shore A Calor (inner jacket) 7.2 mm Tolerance outer diameter (jacket) 7.2 mm Calor (inner jacket) gray Material inner jacket PVC Calor (inner jacket) gray Material inner jacket PVC Calor (inner jacket) gray Material inner jacket PUC Outer diameter tolerance core insulation 2 mm Outer diameter tolerance core insulation 4 fee. S fore D Ingredient freeness wire insulation 60 ± 5 Shore D Diameter of single wires 0.205 mm Conductor crossaection (wire) 1 mm² Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare <tr< td=""><td>Amount stranding</td><td>1</td></tr<>	Amount stranding	1
wire arrangement white 4, brown 3, green-yellow, blue 2, black 1 Cable weigh 66,9 grm Material jackat PUR Shore hardness jackal 90 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material inner jacket PVC Color (inner jacket) gray Material inner jacket PVC Coluer diameter insulation Pre- Amount wires 5 Outer diameter insulation 2 mm Outer diameter insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead free, CFC-free, halogen-free Printing color of wire insulation black (while isolation black), black (isolation brown), black (insulation blue) Amount Stands (wire) 28 Diameter of single wires 0,205 mm Conductor type (wire) 1 mm² Material conductor wire Strand class 5 Cu	Stranding	5 wires around Filler twisted
Cable weight 86,9 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingrodionts (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheatt) ± 5 % Material Inner jacket PVC Cohr (mar jacket) gray Material Wrie insulation PP Amount Wries 5 Outer diameter insulation 2 mm Outer diameter insulation 60 ± 5 Shore D Ingrodient freeness wire insulation 60 ± 5 Shore D Ingrodient freeness wire insulation black (white isolation), white (solation black), black (isolation brown), black (insulation blue) Armount wires 0.255 mm Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Strand dcass 5 Current load capacity (sindard) to DN VDE 0298-4 Current load capacity (Filler	yes
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead free, cadmium-tree, CFC-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (Inner jacket) gray Material wre insulation PP Amount Wres 5 Outer diameter insulation 2 mm Outer diameter insulation 2 mm Outer diameter insulation 60 ± 5 Shore D Shore hardness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0.205 mm Conductor rossection (wire) 1 mm² Material conductor wire Strand class 5 Current load capacity (standard) to DIN VDE 289-4 Current load capacity (standard) to DIN VDE 289-4 Current load capacity mithstand voltage power (wire - wire) 3 kV @ 60 s A	wire arrangement	white 4, brown 3, green-yellow, blue 2, black 1
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material liner jacket PVC Color (inner jacket) gray Material wite isulation PP Amount wires 5 Outer diameter insulation 2 mm Outer diameter lower one insulation 15 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation black (white isolation), white isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0,205 mm Conductor wire (wire) 1 mm² Material canductor wire Strande capper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4	Cable weigth	86,9 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 7.2 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material inner jacket) gray Outer diameter insulation ta 5 % Shore hardness wire insulation ta 5 % Shore hardness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation lead-free, CFC-free, halogen-free Diameter of single wires 0.205 mm Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor wire (wire) Strand class 5 Current load capacity min. wire	Material jacket	PUR
Outer-diameter (acket) 7,2 mm Tolerance outer diameter (sheath) ± 5 % Material inner jacket PVC Color (inner jacket) gray Material wire insulation PP Amount wires 5 Outer diameter insulation 2 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (solation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0.205 mm Conductor tyre (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 <td>Shore hardness jacket</td> <td>90 ± 5 Shore A</td>	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material viner jacket PVC Color (inner jacket) gray Material viner insulation PP Amount vires 5 Outer diameter insulation 2 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0.205 mm Conductor crosssection (wire) 1 mm ² Material conductor wire Strand class 5 Current load capacity (standard) to DIN VDE Cose-4 Current load capacity (standard) to DIN VDE Cose-4 Current load capacity min. wire 11.3 A Electrical resistance line constant wire 19.5 Q/km @ 20 °C Nominal voltage power (wire - wire) 3 kV @ 60 s AC withstand voltage power (wire - wire) 3 kV @ 60 s Material temperature (istaic) -30 °C Macoperating temperature (istaic)	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material inner jacket PVC Color (inner jacket) gray Material wire insulation PP Amount wires 5 Outer diameter insulation 2 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0.205 mm Conductor cossection (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strande clases 5	Outer-diameter (jacket)	7,2 mm
Color (inner jacket)grayMaterial wire insulationPPAmount wires5Outer diameter insulation2 mmOuter diameter insulation $\pm 5 \%$ Shore hardness wire insulation 60 ± 5 Shore DIngredient freeness wire insulationlead-free, CFC-free, halogen-freePrinting color of wire insulationblack (white isolation) white (isolation black), black (isolation brown), black (insulation blue)Amount strands (wire)28Diameter of single wires0.205 mmConductor rossection (wire)1 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (istandard)to DIN VDE 0298-4Current load capacity (istandard)to DIN VDE 0298-4Current load capacity (inti wire)13.AElectrical resistance line constant wire19.5 Ω km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power3 kV @ 60 sMin. operating temperature (static)-30 °CMac. operating temperature (katl)70 °COperating temperature min. (dynamic)70 °COperating temperature	Tolerance outer diameter (sheath)	±5%
Material wire insulation PP Amount wires 5 Outer diameter insulation 2 mm Outer diameter core insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0,205 mm Conductor rosseschion (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor vice Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (min. wire 11,3 A Electrical resistance 600 V Power frequency withstand voltage power 3 kV @ 60 s Min. operating temperature (static) <td>Material inner jacket</td> <td>PVC</td>	Material inner jacket	PVC
Amount wires 5 Outer diameter insulation 2 mm Outer diameter lolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (while isolation), while (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0.205 mm Conductor wire Strande copper wire, bare Conductor vire Strande copper wire, bare Conductor type (wire) Strande copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 11,3 A Electrical resistance line constant wire 19,5 Ω/km @ 20 °C Nominal voltage power AC max. 600 V Power frequency withstand voltage power 3 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature (static) 70 °C <tr< td=""><td>Color (inner jacket)</td><td>gray</td></tr<>	Color (inner jacket)	gray
Outer diameter insulation 2 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient treeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0.205 mm Conductor crosssection (wire) 1 mm ³ Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Power frequency withstand voltage power 3 kV @ 60 s Nominal voltage power AC max. 600 V Power frequency withstand voltage power 3 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (static) -70 °C Operating temperature (static) -70 °C	Material wire insulation	PP
Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0,205 mm Conductor consesection (wire) 1 mm² Material conductor wire Strand copper wire, bare Conductor vire Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 11,3 A Electrical resistance line constant wire 19,5 Ω/km @ 20 °C Nominal voltage power AC max. 600 V Power frequency withstand voltage power 3 kV @ 60 s Mar. operating temperature (static) -30 °C Max. operating temperature (static) -30 °C Max. operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing <	Amount wires	5
Shore hardness wire insulation 60 ± 5 Shore D Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0,205 mm Conductor orossection (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity win. wire 19,5 Ω/km @ 20 °C Nominal voltage power AC max. 600 V Power frequency withstand voltage power (wire - wire) 3 kV @ 60 s AC withstand voltage power (wire - wire) 3 kV @ 60 s Mar. operating temperature (static) -30 °C Max. operating temperature (fixed) 70 °C Operating temperature (fixed) 70 °C Plane resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 Chemical resistance Good, application-related testing Oil resistance Go	Outer diameter insulation	2 mm
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0,205 mm Conductor crosssection (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to ON °C Nominal voltage power AC max. 600 V Power frequency withstand voltage power (wire - wire) 3 kV @ 60 s	Outer diameter tolerance core insulation	±5%
Printing color of wire insulation black (white isolation), white (isolation black), black (isolation brown), black (insulation blue) Amount strands (wire) 28 Diameter of single wires 0,205 mm Conductor crosssection (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 11,3 A Electrical resistance line constant wire 19,5 Q/km @ 20 °C Nominal voltage power AC max. 600 V Power frequency withstand voltage power (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 70 °C Operating temperature min. (dynamic) -5 °C Operating temperature min. (dynamic) 70 °C Flame resistance IEC 60332-2-2 I UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oli resistance Good, application-related testing I DIN EN 60811-404 Bend	Shore hardness wire insulation	60 ± 5 Shore D
Amount strands (wire)28Diameter of single wires0,205 mmConductor crosssection (wire)1 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire11,3 AElectrical resistance line constant wire19,5 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power3 kV @ 60 s(wire - jacket)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)70 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-rel	Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Diameter of single wires 0,205 mm Conductor crosssection (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 11,3 A Electrical resistance line constant wire 19,5 Ω/km @ 20 °C Nominal voltage power AC max. 600 V Power frequency withstand voltage power (wire - wire) 3 kV @ 60 s AC withstand voltage power (wire - wire) 3 kV @ 60 s Max. operating temperature (static) -30 °C Max. operating temperature (fixed) 70 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 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 Oli resistance Good, application-related testing DIN EN 60811-	Printing color of wire insulation	black (white isolation), white (isolation black), black (isolation brown), black (insulation blue)
Conductor crosssection (wire) 1 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 11,3 A Electrical resistance line constant wire 19,5 Ω/km @ 20 °C Nominal voltage power AC max. 600 V Power frequency withstand voltage power (wire - wire) 3 kV @ 60 s AC withstand voltage power (wire - wire) 3 kV @ 60 s Max. operating temperature (fixed) 70 °C Operating temperature (mixed) 70 °C Clarent resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, applic	Amount strands (wire)	28
Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire11,3 AElectrical resistance line constant wire19,5 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)3 kV @ 60 sAC withstand voltage power (wire - wire)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)70 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceElec 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)7,5 x Outer diameter	Diameter of single wires	0,205 mm
Conductor type (wire)Strand class 5Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire11,3 AElectrical resistance line constant wire19,5 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)3 kV @ 60 sAC withstand voltage power (wire - wire)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)70 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceG	Conductor crosssection (wire)	1 mm ²
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire11,3 AElectrical resistance line constant wire19,5 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power3 kV @ 60 sAC withstand voltage power (wire - wire)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (static)-30 °COperating temperature (ixed)70 °COperating temperature max. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)7,5 x Outer diameter	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire11,3 AElectrical resistance line constant wire19,5 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)3 kV @ 60 sAC withstand voltage power (wire - wire)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)70 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, applica	Conductor type (wire)	Strand class 5
Electrical resistance line constant wire19,5 Ω/km @ 20 °CNominal voltage power AC max.600 VPower frequency withstand voltage power3 kV @ 60 sAC withstand voltage power (wire - wire)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)70 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistance	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max.600 VPower frequency withstand voltage power (wire - jacket)3 kV @ 60 sAC withstand voltage power (wire - wire)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)70 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistance	Current load capacity min. wire	11,3 A
Power frequency withstand voltage power (wire - jacket)3 kV @ 60 sAC withstand voltage power (wire - wire)3 kV @ 60 sMin. operating temperature (static)-30 °CMax. operating temperature (fixed)70 °COperating temperature min. (dynamic)-5 °COperating temperature max. (dynamic)70 °CFlame resistanceIEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingO	Electrical resistance line constant wire	19,5 Ω/km @ 20 °C
(wire - jacket) 3 kV @ 60 s AC withstand voltage power (wire - wire) 3 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 70 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 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) 7,5 x Outer diameter	Nominal voltage power AC max.	600 V
Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 70 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 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) 7,5 x Outer diameter		3 kV @ 60 s
Max. operating temperature (fixed) 70 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 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) 7,5 x Outer diameter	AC withstand voltage power (wire - wire)	3 kV @ 60 s
Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 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) 7,5 x Outer diameter	Min. operating temperature (static)	-30 °C
Operating temperature max. (dynamic) 70 °C Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter	Max. operating temperature (fixed)	70 °C
Flame resistance IEC 60332-2-2 UL 1581 § 1100 FT2 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) 7,5 x Outer diameter	Operating temperature min. (dynamic)	-5 °C
chame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter	Operating temperature max. (dynamic)	
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter	Flame resistance	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 7,5 x Outer diameter	chemical resistance	Good, application-related testing
Bending radius (fixed) 7,5 x Outer diameter	Gasoline resistance	
	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 10 x Outer diameter	Bending radius (fixed)	7,5 x Outer diameter
	Bending radius (dynamic)	10 x Outer diameter

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: 2024-04-27

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