

## 7/8" male 0° / 7/8" female 0°

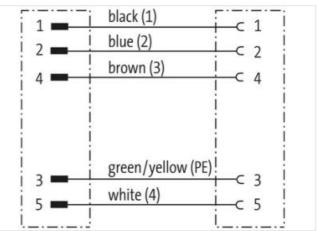
PUR 5x1.0 gy 7.5m

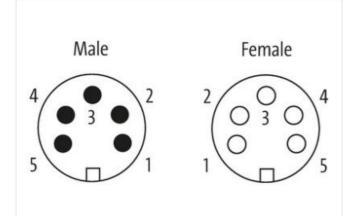
Male straight – female straight 7/8" – 7/8", 5-pole Power cable Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

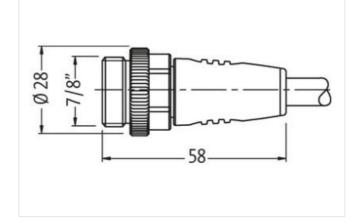
## Link to Product

Illustration





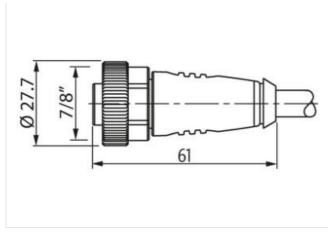




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

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



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 <sup>2</sup> 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 $60 \pm 5$ 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 $\Omega$ 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 <sup>3</sup> 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 <sup>2</sup>
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

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