

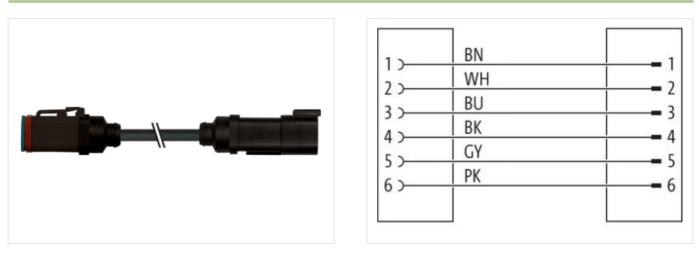
## Valve plug MDC06-6s / MDC04-6p

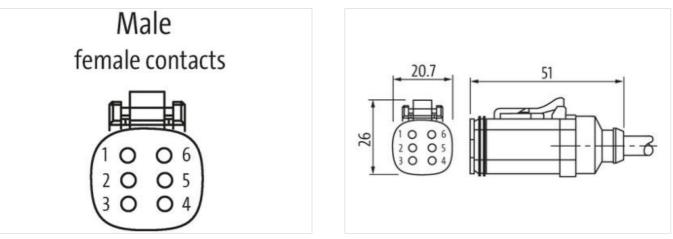
PUR 6x0.75 bk UL/CSA+drag ch. 7.5m

Xtreme - Outdoor Male straight – female straight 6...230 V AC/DC 6-pole without components with cable sleeves compatible to Deutsch DT06-6S and Deutsch DT04-6P 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. Further cable lengths on request.

## Link to Product

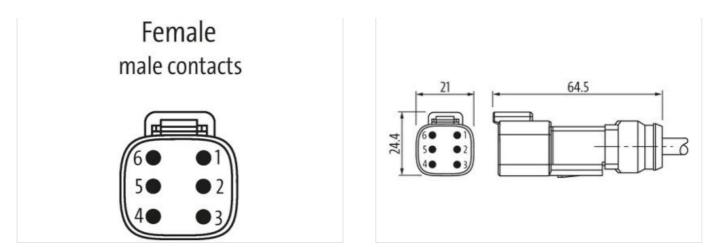
Illustration





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: 2024-06-26





Product may differ from Image

Cable length	7,5 m
Side 1	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-6S
Material contact	Copper alloy
No. of poles	6
Side 2	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT04-6P
No. of poles	6
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879756488
Packaging unit	1
Electrical data   Supply	
Operating voltage AC min.	6 V
Operating voltage AC max.	230 V
Operating voltage DC min.	6 V
Operating voltage DC max.	230 V
Current operating per contact max.	8 A
Diagnostics	
Status indication LED	no
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3

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Attention group (EC 86864-1)     I       Additional appressor     witbout components       Attention group     PA       Attention Statistical (Intermediation and the group     PA       Attention Statistical (Intermediation and the group     Attention Statistical (Participation and the group       Intermediation attention     Protect the connectors by suitable measures from mechanical (Participation and Participation Regimeritipation and the group       Intermediation (Participation and Participation Regimeritipation and Participation Regimeritipation and the antipation antipation antipation antipation antipation antipation antipa	Pated surge voltage	4 kV
dditional suppressor     without components       Mechanical data / Material data     Silicon       Atterial packat     Silicon       Bandong techniques     Silicon       Bandong techniques     Silicon       Environmental characteristics / Climatic     Atterial characteristics / Climatic       Impartant installation notes     Bill Comercian participation packateristics / Climatic       Installation ( Cable     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable flee.       Installation ( Cable     Intermine the packateristics / Climatic       Installation ( Cable     Intermine the packateristics / Climatic <td>Rated surge voltage</td> <td></td>	Rated surge voltage	
Mechanical data     Sulicon       Attentia paskel     Non       Attentia paskel     PA       Attentia paskel     Sulicon       Attentia fucalization     Sulicon       Attentia fucalization     Sulicon       Attentia fucalization     Sulicon       Operating temperature max.     85 °G       Operating temperature max.     Be 'G       Operating temperature max.     Attencion construction by suitable measures from mechanical loads, e.g. by the usage of cable life.       Operating temperature max.     Attencion: Conserve the permissible bending fucility.       Operating temperature max.     Attencion: Conserve the permissible bending fucility.       Operating temperature max.     Attencion: Conserve the permissible bending fucility.       Operating temperature max.     Attencion: Conserve the permissible bending fucility.       Operating temperature max.     Attencion: Conserve the permissible bending fucility.       Operating temperature max.     Attencion: Conserve the permissible bending fucility.       Operatin Constructure.     Operating temperature		
Atterial gasket     Silicon       Atterial loging     PA       Mechanical adia   Mouning data     Sinap-in connector       Environmental characteristics   Climatic     Sinap-in connector       International constain relief     Sinap-in connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.       Internation relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.       Internation relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.       International Cobe     International disconse     International disconse       International cobe     Sinap-in connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.       International cobe     Sinap-in connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.       International cobe     Sinap-in connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.       International cobe     Sinap-in connectors by suitable measures from mechanical loads, e.g. by the usage of cable liee.  <		without components
Adurtal housing     PA       Mechanical data     Mounting data       Solving techniques     Snap-in connector       Environmental characteristics   Climate     25 °C       Opparating temperature min.     25 °C       Opparating temperature may.     25 °C       Opparating temperature may.     25 °C       Interview may.     25 °C       Opparating temperature may.     25 °C       Interview may.     26 °C       Interview may.     26 °C       Interview may.     26 °C       Interview may.     Attention: Obserview the parmisolic bending mattent when laying cables, as the IP protection class can be analygered by accessive bending face.       Interview may.     Snap     3       Interview of the anound Core lifer Interview     200 Cortification       Interview of the anound Core lifer Invieted     200 Cortification       Interview of the anound Core lifer Invieted	Mechanical data   Material data	
Mechanical and Mounting datal     Scalp in connector       cooking techniques     Sing in connector       Environmental characteristics [Climat:     25 °C       perating imperature runx.     85 °C       optical perparature runx.     85 °C       indicional condition intergenerature runx.     85 °C       indicional condition intergenerature runx.     85 °C       indicional condition intergenerature runx.     84 Terration: Soaren the generation building indicional condition intergenerature runx.       indicional condition intergenerature runx.     Affanction: Conserve the generative building indicional condition intergenerature runx.       inter anangemont     Affanction: Conserve the generative building indicional condition intergenerature runx.       inter anangemont     biock       intergenerature runx.     91 °C       intergenerature runx.     91 °C       intergenerature runx.     91 °C       intergenerature runx.     91 °C       intergenerature runx.     92 °C       intergenerature runx.	Material gasket	Silicon
booking techniques     Snap in connector       Environmental characteristics ( Climate booking incomparature max.     85 °C       operating inoperature max.     85 °C       diditional condition temperature range depending on cable quality     depending on cable quality       important installation noise     Teritors the permissible bending radit when laying cables, as the IP protection class can be endangered by seccessive bending forces.       installation ( Cable     Teritors : Observir the permissible bending radit when laying cables, as the IP protection class can be endangered by seccessive bending forces.       installation ( Cable     572       cable developmental     boown, pink, gray, black, blue, white data developmental context       data developmental data data data data data data data d	Material housing	PA
Environmental characteristics   Climatic     25 °C       operating temperature min.     25 °C       optrating temperature max.     85 °C       dictional condition temperature range     deponding on cable quality       important installation notes     attention: Conserve the permissible bending radie when laying cables, as the IP protection class can be and angered by accessive bending forces.       installation (Cable     Attention: Conserve the permissible bending radie when laying cables, as the IP protection class can be and angered by accessive bending forces.       installation (Cable     brown, pink, gray, black, blue, white       able Infinition     572       able Infinition     572       able Infinition     0       yea Of Conflicate     U/Fus       orternation     9       if a rangement     brown, pink, gray, black, blue, white       able wighth     83.1 ym       attential gatekt     PUF       if arrangement     brown, pink, gray, black, blue, white       able Indigeties (gatekt)     94.5 Shore A       brown instrageties (gatekt)     90.1 Shore A       brown instrageties (gatekt)     9.1 S Shore A       brown instraconder (gateker)     9.1 S Shore D	Mechanical data   Mounting data	
operating temperature min.     -25 °C       operating temperature max.     85 °C       didbonal condition temperature range     depending on cable quality       important installation notes        store on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tites.       store on strain relief     Attention: Cheave the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       installation (Cable	Looking techniques	Snap-in connector
operating temperature max.     85 °C       deficition condition temperature range     depending on cable quality       Important installation notes     depending on cable quality       iske on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation / Cable     Theom, pink, gray, black, blue, while       able identification     572       able identification     572       able identification     CIFus       wnount stranding     1       iffication     CIFus       wnount stranding     6 wires around Core filter twisted       iffild     yes       dentification     90 ± 5 Shore A       readom from ingredients (gacht)     92 ± 5 Shore A       readom from ingredients (gacht)     1,5 %       Aubred ameter (gackt)     7,3 mm       observalue insulation     1,85 mm       unround write     6       Aubred interlet relearce core insulation     1,5 %       Aubred interlet relearce core insulation     1,25 Smer D <tr< td=""><td>Environmental characteristics   Climatic</td><td></td></tr<>	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     ideo on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending racii when laying cables, as the IP protection class can be endangered by excessive bending torces.     installation [Cable       installation [Cable     Foremann by protection class (can be endangered by excessive bending torces.     installation [Cable class (can be endangered by excessive bending torces.       installation [Cable     brown, pirk, gray, black, blue, white     installation [Cable class (can be endangered by excessive bending torces.       installation [Cable class (can be endangered by excessive bending torces.     installation [Cable class (can be endangered by excessive bending torces.       installation [Cable class (can be endangered by excessive bending torces.     installation [Cable class (can be endangered by excessive bending torces.       installation [Cable class (can be endangered by excessive bending torces.     installation [Cable class (can be endangered by excessive bending torces.       installation [Cable class (can be endangered by excessive bending torces.     installation [Cable class (cable class (cabl	Operating temperature min.	-25 °C
Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Attention: Cobserve the permissible bending radii when laying cables, as the IP protection class can be ordinagered by eoccasive bending forces.       Installation:     Cobserve the permissible bending radii when laying cables, as the IP protection class can be ordinagered by eoccasive bending forces.       Installation:     D52       able to protection of protection class can be ordinagered by eoccasive bending forces.       able Type     3       ackel Color     black.       type of Certificate     CLFus       mount stranding     1       stranding     6 wes around Core filler twisted       filler     yes       yes     Dertificate       point advestigh     80,1 grav.       actier vagin     80,1 grav.       actier adjacket     PUR       blore hardness jacket!     80,1 grav.       actier adjacket     PUR       blore readom troin ingringrindients (jacket)     7,3 mm       clareardo arouter diameter (sheath)     1,5 %       adterial jacket     PUR       sclareardo troin ingrenet insulation     1,95 mm	Operating temperature max.	85 °C
Alternation     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation ( Cable     Endangered by excessive bending forces.       installation ( Cable     Endangered by excessive bending forces.       ide any age that the permissibile banding radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       ide any age that the permissibile banding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding cables, and class for the protection class can be adding radii when laying cables, as the IP protection class can be adding cables, and class for the protection class can be adding cables, and class for the protection class can be adding condi when by the protection class can be adding conduc	Additional condition temperature range	depending on cable quality
Alternation     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation ( Cable     Endangered by excessive bending forces.       installation ( Cable     Endangered by excessive bending forces.       ide any age that the permissibile banding radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       ide any age that the permissibile banding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding radii when laying cables, as the IP protection class can be adding cables, and class for the protection class can be adding radii when laying cables, as the IP protection class can be adding cables, and class for the protection class can be adding cables, and class for the protection class can be adding condi when by the protection class can be adding conduc	Important installation notes	
Alternion: Observe this parmiscible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation (Cable       wire arrangement     brown, pink, gray, black, blue, white       Sable Identification     572       Sable Identification     CURus       would stranding     6       German Identification     97       Sable Identification     98     1       Stranding     6     wres around Core Iller twisted       site arrangement     brown, pink, gray, black, blue, white     3       Sable weigh     89.1 g/m     3       Sable weigh     89.1 g/m     3       Sable weigh     99.1 S Shore A     3       Free addms form ingredients (jacket)     1 Ead-Free, cadmium-free, CFC-free, halogen-free, silicone-free       Sable dimeter insulation     1 S5     5       User dimeter insulation     1 S5     5       Sable dimeter insulation     1 S5 Shore D     3	•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties
Description     endangered by excessive bending forces.       Installation   Cabie     Event pink, gray, black, blue, while       balle identification     572       cable Ignort     brown, pink, gray, black, blue, while       cable Ignort     black       cable Ignort     black       cable Type     3       cable Color     black       cip of Certificate     cURus       unmount stranding     1       istranding     6 wires around Core filler twisted       iller     yes       veriar argement     brown, pink, gray, black, blue, white       cable weigh     89,1 g/m       daterial jacket     PUR       brore hardness jacket     90.4 5 Shore A       reedon from ingredients (jacket)     1,8 5 mm       coluter diameter (sheath)     1,5 %       vater diameter insulation     1,85 mm       coluter diameter insulation     1,45 mm       veriar diargement insulation     1,45 mm       coluter diameter insulation     1,45 mm       coluter diameter insulation     1,45 mm       coluter diameter insulation     1,45 mm <		
ire arrangement     brown, pink, gray, black, blue, white       able identification     572       able identification     572       able identification     572       able identification     black       schet Color     black       schet Color     black       schet Color     of units       schet Color     yees       schet Color     yees  Schet Color     yees	Note on bending radius	
Sable identification572Sable Type3ackel Colorblackbype of CertificatecURuswnount stranding1Stranding6 wires around Core filler twistedilleryeswire arrangementbrown, pink, gray, black, blue, whiteSable Type9 ± 5 Shore Areadom from ingredients (jacket)19 ± 5 Shore Areadom from ingredients (jacket)90 ± 5 Shore AOuter diameter (jacket)7.3 mmOldrameter (jacket)7.3 mmOldrameter (jacket)1.5 %Nore hardness6Duter diameter (jacket)1.5 %Duter diameter (jacket)1.55 mmDuter diameter tolerance core insulation1.95 mmConductor vice0.15 mmConductor vice0.15 mm²Conductor viceStranded copper wire, bareConductor viceStranded copper wire, bareConductor viceStranded copper vire, bareConductor viceStranded copper vire, bareConductor viceStrande copper vire, bareConductor viceStranded copper vire, bareConductor vice<	Installation   Cable	
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ackkr     black       ype of Certificate     cURus       unount stranding     1       tisnading     6 wires around Core filler twisted       iller     yes       vire arrangement     brown, pink, gray, black, blue, white       Jable weigth     89,1 g/m       Atterial jacket     PUR       Shore hardness jacket     90.4 5 Shore A       "reedom from ingredients (jacket)     Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Uuber-diameter (jacket)     7.3 mm       "olerance outer diameter (sheath)     ± 5 %       Ataterial wire insulation     PP       Vuter diameter (jacket)     7.3 sm       "olerance outer diameter (sheath)     ± 5 %       Duter diameter isulation     1,85 mm       Uuber diameter isulation     1,85 mm       Duter diameter isulation     1,85 mm       Shore hardness wire insulation     1,85 mm       Shore hardness wire insulation     1,95 Shore D       Ingredient freeness wire insulation     1,95 mm?       Vancut trands (wire)     42       Danductor orossection (wire)     0,75 mm?       Co	Cable identification	572
Type of Certificate     cURus       umount stranding     1       Stranding     6 wires around Core filler twisted       Stranding     90 stranding       Stranding     89.1 g/m       Atterial jacket     PUR       Shore hardness jacket     90.1 5 Shore A       Teredom from ingredients (jacket)     Iead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Duter-diameter (gacket)     7,3 mm       Colerance outer diameter (sheath)     1 5 %       Atterial wire insulation     PP       timount strands     6       Store farmeter insulation     1.85 mm       Duter diameter tolerance core insulation     1.5 %       Store D     5 %       Store D     5 %       Store devices wire insulation     1.64 free, cadmium-free, CFC-free, halogen-free, silicone-free       mount strands (wire)     42       Diameter of single wires     0,15 mm       Conductor type (wire)     Strand Cass 6 </td <td>Cable Type</td> <td>3</td>	Cable Type	3
Nnount stranding1stranding6 wires around Core filler twistedilleryeswire arrangementbrown, pink, gray, black, blue, whiteSable weigth89,1 g/mAaterial jacketPURAtarial jacket90 ± 5 Shore Aireedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeUbter diameter (jacket)7,3 mmTolerance outer diameter (sheath) $\pm$ 5 %Atarial jacketPPVuter diameter (sheath) $\pm$ 5 %Atarial wire insulationPPSubre diameter or insulation1,85 mmDuter diameter loerance core insulation $\pm$ 5 %Subre diameter insulation70 ± 5 Shore Dorgredient (freeness wire insulation)lead-free, CFC-free, halogen-free, silicone-freeVutor diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Adaterial onductor wireStranded copper wire, bareSonductor type (wire)stranded copper wire, bareSonductor type (wire)strande class 6Sonductor type (wire)2,5 kV @ 60 sVurrent load capacity (standard)to DIN VDE 0296-4Vurrent load capacity (witstand voltage (wire - wire)2,5 kV @ 60 sVire fuguency witstand voltage (wire - wire)2,5 kV @ 60 sVire stands40 °C	Jacket Color	black
Brinding     6 wires around Core filler twisted       ifler     yes       wire arrangement     brown, pink, gray, black, blue, white       Jable weigth     89,1 g/m       Ataterial jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredientis (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Duter diameter (jacket)     7,3 mm       Olerance outer diameter (jacket)     7,3 mm       Outer diameter insulation     PP       Winount wires     6       Duter diameter lolerance core insulation     1,85 mm       Duter diameter insulation     1,85 mm       Duter diameter of single wires     0,15 mm       Conductor crossection (wire)     42       Virend remees wire insulation     1,85 mm       Conductor vire     Stranded copper wire, bare       Conductor wire     Stranded copper wire, bare       Conductor vire     Stranded copper wire, bare       Conductor vire<	Type of Certificate	cURus
iller yes   vire arrangement brown, pink, gray, black, blue, white   bable weight 89,1 g/m   Ataterial jacket PUR   hore hardness jacket 90 ± 5 Shore A   reedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Duter-diameter (jacket) 7,3 mm   folerance outer diameter (sheath) ± 5 %   Ataterial wire insulation PP   vurount wires 6   Duter diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 1.85 mm   Duter diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 70 ± 5 Shore D   ngredient freeness wire insulation 1.85 mm   Duter diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 1.85 mm   Duter diameter tolerance core insulation ± 5 %   Shore hardness wire insulation 1.85 mm   Donductor corsescetion (wire) 0.75 mm <sup>2</sup> Aterial conductor wire Stranded copper wire, bare   Conductor vires Stranded copper wire, bare   Conductor vire Strande copper wire, bare   Conductor vire Strande copper wire, bare   Conductor vire Strande copper wire, bare	Amount stranding	1
Arrend Activity     From pink, gray, black, blue, white       Value weigth     89,1 g/m       Ataterial jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       reedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Duter-diameter (jacket)     7,3 mm       Folderance outer diameter (sheath)     ± 5 %       Ataterial wire insulation     PP       Vincer diameter insulation     1.85 mm       Duter diameter of single wires     0.15 mm       Conductor crossection (wire)     42       Diameter of single wires     0.15 mm       Conductor vire     Strande closper wire, bare       Conductor vire     Strande closper wire, bare       Conductor vire)     0.75 mm <sup>2</sup> Current load capacity (standard)	Stranding	6 wires around Core filler twisted
Stable weigth     89,1 g/m       Aaterial jacket     PUR       Aaterial jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Duter diameter (jacket)     7,3 mm       Tolerance outer diameter (sheath)     ± 5 %       Aaterial wire insulation     PP       wmount wires     6       Duter diameter tolerance core insulation     ± 5 %       Outer diameter tolerance core insulation     ± 5 %       Duter diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     1.85 mm       Duter diameter tolerance core insulation     ± 5 %       Material predient freeness wire insulation     1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free       wmount strands (wire)     42       Stameter of single wires     0,15 mm       Sconductor crosssection (wire)     0,75 mm²       Aaterial conductor wire     Stranded copper wire, bare       Sconductor type (wire)     strand class 6       Journet load capacity (standard)     to DIN VDE 0298-4       Zurrent load capacity (standard)     to DIN VDE 0298-4       Zu	Filler	yes
Atterial jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       reedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free       Duter-diameter (jacket)     7.3 mm       Tolerance outer diameter (sheath)     ± 5 %       Ataterial wire insulation     PP       Numount wires     6       Duter diameter tolerance core insulation     1.85 mm       Duter diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D       regredient freeness wire insulation     1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free       vmount strands (wire)     42       Vameter of single wires     0,15 mm       Conductor rossection (wire)     0,75 mm²       Atarial conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Comminal voltage AC max.     300 V       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity withstand voltage (wire - arc, 5KV @ 60 s        Yower frequency withstand voltage (wire - arc, 5KV @ 60 s <td>wire arrangement</td> <td>brown, pink, gray, black, blue, white</td>	wire arrangement	brown, pink, gray, black, blue, white
Shore hardness jacket     90 ± 5 Shore A       reedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Duter-diameter (jacket)     7.3 mm       folerance outer diameter (sheath)     ± 5 %       Atatrial wire insulation     PP       vmount wires     6       Duter diameter tolerance core insulation     1.85 mm       Duter diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     7.0 ± 5 Shore D       operating reserve wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       vmount strands (wire)     42       Vameter of single wires     0,15 mm       Conductor rossection (wire)     0,75 mm <sup>2</sup> Atatrial conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Commune to acapacity (standard)     to DIN VDE 0298-4       Current load capacity min. wire     8,4 A       Electrical resistance line constant wire     26 Ω/km @ 20 °C       CW withstand voltage (wire - wire)     2,5 kV @ 60 s       Yower frequency withstand voltage (wire - wire)     2,5 kV @ 60 s       Yower frequency withstand voltage (	Cable weigth	89,1 g/m
ireedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Duter-diameter (jacket)   7,3 mm     iolerance outer diameter (sheath)   ± 5 %     Alaterial wire insulation   PP     umount wires   6     Duter diameter tolerance core insulation   1,85 mm     Duter diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient free, cadmium-free, CFC-free, halogen-free, silicone-free     Vincont strands (wire)   42     Vincont crosssection (wire)   0,15 mm     Donductor crosssection (wire)   0,75 mm²     Alaterial colucutor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Iominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min, wire   8,4 A     Electrical resistance line constant wire   26 Ω/km @ 20 °C     CX withstand voltage (wire - wire)   2,5 kV @ 60 s     Power frequency withstand voltage (wire - acket)   -2,5 kV @ 60 s     Non   -2,5 kV @ 60 s	Material jacket	PUR
Duter-diameter (jacket)   7,3 mm     Tolerance outer diameter (sheath)   ± 5 %     Aaterial wire insulation   PP     Vinount wires   6     Duter diameter insulation   1,85 mm     Duter diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Vinnount strands (wire)   42     Diameter of single wires   0,15 mm     Conductor rorssection (wire)   0,75 mm²     Alterial conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Conductor type (wire)   strand class 6     Councer tops (strandard)   to DIN VDE 0298-4     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity with stand voltage (wire - wire)   2,5 kV @ 60 s     Cover frequency withstand voltage (wire - wire)   2,5 kV @ 60 s     Cover frequency withstand voltage (wire - wire)   -2,5 kV @ 60 s     Cover frequency withstand voltage (wire - wire)   -2,5 kV @ 60 s     Cover frequency withstand voltage (wire - wire)   -2,5 kV @ 60 s	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) $\pm$ 5 %Alaterial wire insulationPPAnterial wire insulation1,85 mmDuter diameter insulation1,85 mmDuter diameter tolerance core insulation $\pm$ 5 %Shore hardness wire insulation70 $\pm$ 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Anterial conductor wireStranded copper wire, bareConductor type (wire)strand class 6Journet Ioad capacity (standard)to DIN VDE 0298-4Current Ioad capacity (standard)to DIN VDE 0298-4Current Ioad capacity (wire - wire)2,5 kV @ 60 sConductor vitation vitage (wire - acket)2,5 kV @ 60 sDiameter Ioag temperature (static)-40 °C	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Atterial wire insulationPPAmount wires6Duter diameter insulation1,85 mmDuter diameter insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Conductor vireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CCK withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	Outer-diameter (jacket)	7,3 mm
Amount wires     6       Duter diameter insulation     1,85 mm       Duter diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Xmount strands (wire)     42       Diameter of single wires     0,15 mm       Conductor crosssection (wire)     0,75 mm²       Outer diage AC max.     300 V       Conductor type (wire)     strand class 6       Courrent load capacity min. wire     8,4 A       Electrical resistance line constant wire     26,5 kV @ 60 s       Cover frequency withstand voltage (wire - acket)     2,5 kV @ 60 s	Tolerance outer diameter (sheath)	± 5 %
Duter diameter insulation   1,85 mm     Duter diameter tolerance core insulation   ± 5 %     Shore hardness wire insulation   70 ± 5 Shore D     Ingredient freeness wire insulation   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Amount strands (wire)   42     Diameter of single wires   0,15 mm     Conductor crosssection (wire)   0,75 mm²     Aterial conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity (wire - wire)   2,5 kV @ 60 s     Cower frequency withstand voltage (wire - acket)   2,5 kV @ 60 s     Power frequency withstand voltage (wire - acket)   -40 °C	Material wire insulation	PP
Duter diameter tolerance core insulation     ± 5 %       Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Amount strands (wire)     42       Diameter of single wires     0,15 mm       Conductor crosssection (wire)     0,75 mm²       Atterial conductor wire     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Volument load capacity (standard)     to DIN VDE 0298-4       Current load capacity (standard)     to DIN VDE 0298-4       Current load capacity (wire - wire)     2,5 kV @ 60 s       Power frequency withstand voltage (wire - wire)     2,5 kV @ 60 s       Cover frequency withstand voltage (wire - acket)     -40 °C	Amount wires	6
Shore hardness wire insulation70 ± 5 Shore Dlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareConductor type (wire)strand class 6Vorment load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CVC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sVin. operating temperature (static)-40 °C	Outer diameter insulation	1,85 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Conductor type (wire)300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)8,4 AElectrical resistance line constant wire26 Q/km @ 20 °CCW withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	Outer diameter tolerance core insulation	±5%
Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sAin. operating temperature (static)-40 °C	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires0,15 mmDiameter of single wires0,75 mm²Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Adminal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Conductor type (wire)strand class 6Iominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sIn. operating temperature (static)-40 °C	Amount strands (wire)	42
Material conductor wire   Stranded copper wire, bare     Conductor type (wire)   strand class 6     Nominal voltage AC max.   300 V     Current load capacity (standard)   to DIN VDE 0298-4     Current load capacity min. wire   8,4 A     Electrical resistance line constant wire   26 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2,5 kV @ 60 s     Power frequency withstand voltage (wire - acket)   -40 °C	Diameter of single wires	0,15 mm
Conductor type (wire)strand class 6Jominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	Conductor crosssection (wire)	0,75 mm <sup>2</sup>
Jominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sIn. operating temperature (static)-40 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CCC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sIn. operating temperature (static)-40 °C	Conductor type (wire)	strand class 6
Current load capacity min. wire   8,4 A     Electrical resistance line constant wire   26 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2,5 kV @ 60 s     Power frequency withstand voltage (wire - acket)   2,5 kV @ 60 s     Ain. operating temperature (static)   -40 °C	Nominal voltage AC max.	300 V
Electrical resistance line constant wire   26 Ω/km @ 20 °C     AC withstand voltage (wire - wire)   2,5 kV @ 60 s     Power frequency withstand voltage (wire - acket)   2,5 kV @ 60 s     Min. operating temperature (static)   -40 °C	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire)   2,5 kV @ 60 s     Power frequency withstand voltage (wire - acket)   2,5 kV @ 60 s     AC withstand voltage (wire - acket)   -40 °C	Current load capacity min. wire	8,4 A
Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s   Ain. operating temperature (static) -40 °C	Electrical resistance line constant wire	26 Ω/km @ 20 °C
acket) 2,5 kV @ 60 S   Alin. operating temperature (static) -40 °C	AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Iin. operating temperature (static) -40 °C	Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
	Min. operating temperature (static)	-40 °C
	Max. operating temperature (fixed)	
		- ·

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Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
UV resistance	DIN EN ISO 4892-2 A
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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