

## Valve plug MDCY06-6s / 2x MDC06-2s

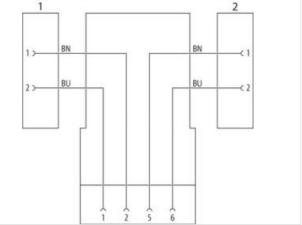
PUR 2x0.75 bk UL/CSA+drag ch. 3m

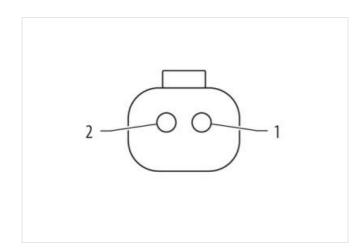
Xtreme - Outdoor Y connector Male straight 6...230 V AC/DC compatibel to Deutsch DT06-6S compatibel to Deutsch DT06-2S without components Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

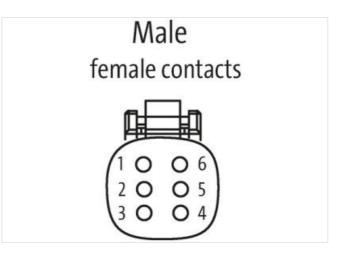
## Link to Product

## Illustration



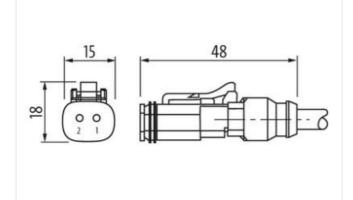


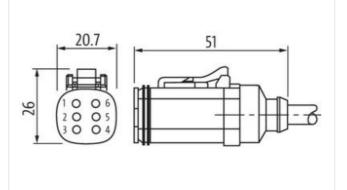




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-28







Product may differ from Image

Cable length	3 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 AT06-2S
Material contact	Copper alloy
No. of poles	2
Side 3	
Family construction form	Amphenol AT06-2S
Material contact	Copper alloy
No. of poles	2
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	4048879833370
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
Device protection   Electrical	

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Additional condition protection degreeInstruct, serowedPublicion Dogree3Publicion Dogree2.5 kVMaterial group (EC 5668-1)IMaterial group (EC 5668-1)IMaterial group (EC 5668-1)IMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)SiliconOparating temperature max.85 °CCalo interfication754Calo interfication (Calo)BitckType of CartificationCaloSilicol interfication754Calo interfication2 % restructedMaterial group (EC 4764)10 Ma @ 25 °CCalo interfication90 °CSilicol interfication90 °CCalo interfication90 °CSilicol interfication90 °CCalo interfication90 °CSilicol interfication90 °CCalo interfication90 °CCalo interfication90 °CCalo interfication90 °CCalo interfication90 °CCalo interfication90 °C <tr< th=""><th>Degree of protection (EN IEC 60529)</th><th>IP68</th></tr<>	Degree of protection (EN IEC 60529)	IP68
Paulation Degree         3           Rate and group (EC 68664-1)         1           Additional suppressor         without components           Mechanical data (Mechanical data)         Mechanical data (Mechanical data)           Mechanical data (Mechanical data)         PA           Mechanical data (Mouning data)         PA           Mechanical data (Mouning data)         PA           Mechanical data (Mouning data)         Sisticon           Environmental characteristics (Climation)         Qebranic (monecal data)           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Cable indentification         764           Cable Cabro         Mack           Type of Certificate         cURus           Anounit stranding         1           Stranding         24 wires tweted           Weire arrangemin         brown, Muc           No. of banding cycles (Crimak)         10 Mo. @ 25 °C           Cable weight         5 mm           Store functions (gibbet)         9 L 5 Store A           Exection tion ingredients (gibbet)         9 Store A           Exection tion ingredients (gibbet)         9 Store A           Exection tion ingredients (gibbet)         9 Store D		
Pated supporting         2.5 W           Material prop. (IEC 8064-1)         1           Material prop. (IEC 8064-1)         1           Material pasket         Silicon           Material p		
Material group (EEC 00564-1)         I           Additional suppression         without components           Mechanical data (Motrial data         Silicon           Material possion         PA           Mechanical data (Mounting data         Sinon           Material possion         Sinon           Material possion         Sinon           Material possion         PA           Mechanical data (Mounting data         Environmental characteristics (Climatic           Coperating temperature max         25 °C           Operating temperature max         85 °C           Additional condition temperature may         depending on cable quality           Material possion         754           Cable identification         754           Cable identification         1           Stranding         2 wires twitated           wire a transpetient         brown, blue           Non of bending cycles (C-track)         10 Mo. (@ 25 °C           Cable weight         40.7 g/m           Material proces         2           Cable rows global         90 ± 5 Shore A           Freadom tem insulation         1.7 m           Caread temere (indef)         5 m           Cadie may insulation         1.2 Silve D		
Additional suppressor         without components           Machanical datal Material packat Material packat Additional suppressor         Silicon           Material packat Material packat Departing tomperature max.         Silicon           Environmental characteristics   Climatic         Comparity Departing tomperature max.         25 °C           Operating tomperature max.         85 °C         Comparity tomperature max.         25 °C           Additional suppressor         departing tomperature max.         85 °C           Additional condition tomperature range         departing tomperature max.         85 °C           Additional standing         754         Colimatic           Cable dentification         754         Colimatic           Type of Cartificatia         cURus         Colimatic           Type of Cartificatia         cURus         Colimatic           Annount stranding         1         Stranding           No to branding veytiles (Ci track)         10 Mile get °C         Colimatic           Cable weight         40,7 gm         Machanies resultation           Material packet         PUB         Stranding           Torreard brandes galzet         90 ± 5 Store A         Colimatic           Freedom frame insultation         1,7 m         Colimatic (wealth)         15 % <td></td> <td>2;5 KV</td>		2;5 KV
Material pasket         Silicon           Material polyning         PA           Material polyning         PA           Material polyning         Singe in connector           Environmental characteriatis   Climatu         Comparing temperature min.           Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Cable forging temperature range         depending on cable quality           Cable forging         5 °C           Cable forging         3           Cable forging         5 °C           Cable forging         3           Cable forging         3           Cable Toping         5           Cable forging         1           Stranding         1           Stranding         1           Vire a transperent         brown, blue           Nor o theoring cycles (C-track)         10 Moc. @ 25 °C           Cable weight         40.7 g/m           Material polycles (C-track)         10 Moc. @ 25 °C           Cable weight         40.7 g/m           Material polycles (C-track)         10 Moc. @ 25 °C           Cable weight         40.7 g/m<		
Material gasket         Silicon           Material housing         PA           Mechanical data   Mounting data         Incometator           Extremental characteristics   Climatic         Sing-in connector           Extremental characteristics   Climatic         Sing-in connector           Extremental characteristics   Climatic         Sing-in connector           Constit (temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Installation   Cable           Cable formitication         754           Cable Type         3           Jacket Color         black           Type of Certificate         Clifus           Nore of transfitting         1           Stranding         1           Stranding         1           Stranding         10 Mo. @ 25 °C           Cable weigh         40.7 g/m           Material jacket         90 ± 5 Shore A           Forecom trion ingredients (jacket)         10 Mo. @ 25 °C           Cable weight         40.7 g/m           Material jacket         90 ± 5 Shore A           Forecom trion ingredients (jacket)         5 %           Outer diameter (meter)         45 % </td <td></td> <td>without components</td>		without components
Material housing         PA           Mechanical data / Mounting data           Looking techniques         Snap-in connector           Environmental characteristics / Climatic         Comparing temperature min.         28 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Installation / Cable         Comparing temperature max.         85 °C           Cable inform         T54         Comparing temperature max.         26 Addition / Cable Type         3           Jacket Color         black         Comparing temperature max.         26 Addition / Cable Type         3           Jacket Color         black         Comparing temperature max.         26 Addition / Cable Type         3           Vise of Cattrification         C1Fus         Addition / Cable Type         3         3           Vise of Cattrification         D1Fus         Addition / Cable Type         3         3           Vise of Cattrification         D1Fus         Addition / Cable Type         3         3           Vise of Cattrification         D1Fus         Addition / Cattrification         3         3           Vise of Cattrification         D2 S S Nore A         Soce Decomposition (Sacket)         30 S S Soce A         3         3 </td <td>Mechanical data   Material data</td> <td></td>	Mechanical data   Material data	
Mechanical data   Mounting data           Looking lochiniques         Snap-in connector           Environmental characteristics   Climatic         Operating imperature min.         25 °C           Operating itemperature max.         85 °C         Additional condition itemperature may.         65 °C           Additional condition itemperature may.         65 °C         Conditional condition itemperature may.         65 °C           Cable identification         754         Conditional Condition itemperature may.         64 °C           Cable Identification         754         Conditional Condition itemperature may.         64 °C           Cable Identification         754         Conditional Condit		Silicon
Loking techniques         Snap in connector           Environmental characteristics   Climatic         -           Operating temperature min.         -25 °C           Additional condition temperature range         depending on cable quality           Installication Cable         -           Cable Type         3           Jacket Color         black           Type of Cartificatie         cURus           Anount stranding         1           Stranding         2 wires twisted           wire arrangement         brown, blue           Naci algost         90 ± 5 °C           Cable wight         40,7 g/m           Material Jacket         PUR           Shore hardness jacket         90 ± 5 °C           Cable wight         40,7 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 °C           Cable wight         40,7 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 °C           Cable wight         40,7 g/m           Material wight         10 Min c@ 25 °C           Carle wight         90 ± 5 °S nor A           Freedom from ingredients (jacket)         5 Sm           Out	Material housing	PA
Environmental characteristics   Climatto         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation I Cable         Cable of depending on cable quality           Cable definition Cable         Cable Type           Cable Type         3           Jacker Coor         Back           Type of Cortificate         cuFRus           Anount stranding         1           Stranding         2 wires twisted           wire arrangement         brown, blue           No. of bending cycles (C-track)         10 Mo. @ 25 °C           Cable Weigh         40.7 g/m           Material jacket         PUR           Shore harchess jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         isad free, cadmum free, CFC-tree, halogen free, silicone-free           Cuter diameter (jacket)         5 m           Toferance core insulation         PP           Anount wires         2           Cuter diameter insulation         7.5 Shore D           Toferance core insulation         7.8 Shore D           Cuter diameter insulation         7.8 Shore D           Cuter diameter insulation         7.8 Shore D	Mechanical data   Mounting data	
Operating temperature min.         25 °C           Operating temperature max.         85 °C           Additional condition temperature mage         depending on cable quality           Exablational Cabbe         Exablational Cabbe           Cable identification         754           Cable Type         3           Jocket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wins twisted           wire arrangement         brown, blue           No. of bending cycles (C-track)         10 Mic. Qe 25 °C           Cabbe weigh         40, 7, grin           Material jacket         PUR           Store hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         I ead-free, cadmium-free, CFC-tree, halogen-free           Outer-diameter (saket)         5 mm           Tolerance outer diameter (saket)         5 %           Amount wites         2           Outer diameter insulation         79 × 5 %           Material wer insulation         70 ± 5 Shore D           Ingredient Treenes were insulation         70 ± 5 Shore D           Ingredient Treenes were insulation         75 %           Shore hardneses wire i	Looking techniques	Snap-in connector
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable classification           Cable Gabitification         754           Cable Type         3           Jacket Color         black           Type of Certificate         cUPuse           Amount stranding         1           Stranding         2 wires twisted           wire arrangement         brown, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weight         40,7 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, camium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (subath)         ± 5 %           Shore hardness (jacket)         lead-free, camium-free, CFC-free, halogen-free, silicone-free           Outer diameter (subath)         ± 5 %           Shore hardness wire insulation         PP           Amount wires         2           Outer diameter insulation         1,7 mm           Outer diameter insulation         1,7 mm           Outer dinameter insulation         1,0 %	Environmental characteristics   Climatic	
Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Installation   Cable         Cable formition           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           wire arrangement         brown, blue           No. of bending cycles (C track)         10 Mio. @ 25 °C           Cable weight         40,7 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead/free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (sheath)         ± 5 %           Material jacket         PUR           Shore hardness (jacket)         lead/free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         2           Outer diameter insulation         1,7 mm           Cater diameter insulation         1,7 mm           Cater diameter insulation         1,0 * 5 %	Operating temperature min.	-25 °C
Additional condition temperature range         depending on cable quality           Installation ( Cable         Cable dentification         754           Cable of the time of time		85 °C
Installation   Cable           Cable identification         754           Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           wire arrangement         brown, blue           No. of bending cycles (C track)         10 Mo. @ 25 °C           Cable weigh         40.7 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer (jacket)         5 m           Tolerance outer (jacket)         5 %           Material wire insulation         PP           Amount wires         2           Outer diameter (sheath)         1 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         10 m @ 25 °C   horizontal           Conductor crossection (wire)         0.75 mm²           Conductor trossaection (wire)         0.75 mm²		
Cable identification754Cable identification754Cable identificationblackType of CertificatecURusAmount stranding1Stranding2 wires twistedwire arrangementbrown, blueNo. of bending cycles (C-track)10 Mio. $@ 25 \circ C$ Cable weight40.7 g/mMaterial jacktPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (gaket)5 mmTolerance outer diameter (sheath)± 5 %Material jacktPPAmount wires2Outer diameter or insulation1,7 mmOuter diameter or insulation1,7 mmOuter diameter or insulation1,6 fs %Shore hardness wire insulation10 fs fs %Outer diameter or sinsulation1,5 fsDire diameter or sinsulation1,6 fs mmConductor wireStranded copper wire, bareConductor vire0,15 mm²Conductor wireStranded copper wire, bareConductor wireStran		
Cable Type         3           Jacket Color         black           Type of Certificate         cURus           Amount stranding         1           Stranding         2 wires twisted           wire arrangement         brown, blue           No. of bending cycles (C+rack)         10 Mio. @ 25 °C           Cable weigth         40.7 g/m           Material jacket         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount strands         2           Outer diameter Isolation         1,7 mm           Outer diameter Isolation         1,7 mm           Outer diameter Isolation         1,6 mm           Conduct type (wire)         42           Diameter diagle wires         0,15 mm           Conductor type (wire)         10 m @ 25 °C   horizontal           Conductor type (wire)         10 m @ 25 °C   horizontal           Conductor type (wire)         10 m @ 25 °C   horizontal           Current load capacity (stindard)	·	754
Jacket Color     black       Type of Certificate     cURus       Amount stranding     1       Stranding     2 wires twisted       wire arrangement     brown, blue       No. of bending cycles (C-track)     10 Mic. @ 25 °C       Cable weigh     40.7 g/m       Material jacket     PUR       Shore hardness jacket     90.4 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (gacket)     5 mm       Tolerance outer diameter (sheath)     ± 5 %.       Material wire insulation     PP       Amount wires     2       Outer diameter isulation     1.7 mm       Outer diameter isulation     1.7 fm       Outer diameter isulation     1.7 fm       Outer diameter isulation     1.7 shore D       Ingredient freeness wire insulation     71 ± 5 Shore D       Shore hardness wire insulation     71 ± 5 Shore D       Ingredient freeness wire insulation     1.7 smm²       Conductor crossection (wire)     0.75 mm²       Conductor crossection (wire)     0.75 mm²       Conductor vice     Stranded coper wire, bare       Conductor vice     Stranded coper wire, bare       Conductor vice     Stranded coper wire, bare       Conductor vice     Strand		
Type of Certificate         cL/Rus           Amount stranding         1           Stranding         2 wires twisted           wire arrangement         brown, blue           No. of bending cycles (C-track)         10 Mio. @ 25 °C           Cable weigh         40.7 g/m           Material jackt         PUR           Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (shealth)         ± 5 %           Material jackt         PP           Amount twires         2           Outer diameter (shealth)         ± 5 %           Shore hardness wire insulation         1,7 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Mount strands (wire)         42           Diameter of single wires         0,15 mm           Conductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Conductor type (wire)         stranded copper wire, bare           Current toad capacity (standard)         to DIN VDE 029		
Amount stranding       1         Stranding       2 wires twisted         Stranding       2 wires twisted         Wire arrangement       brown, blue         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigth       40.7 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       2         Outer diameter tolerance core insulation       1.7 mm         Outer diameter tolerance core insulation       1.6 ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       70 ± 5 Chore D         Ingredient freeness wire insulation       70 ± 5 Chore D         Ingredient freeness wire insulation       70 ± 5 Chore D         Conductor cossection (wire)       0,75 m		
Stranding       2 wires twisted         wire arrangement       brown, blue         No. of bending cycles (C-track)       10 Mio. @ 25 °C         Cable weigth       40,7 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       2         Outer diameter (bleath)       ± 5 %         Shore hardness wire insulation       1,7 mm         Outer diameter (bleath)       ± 5 %         Shore hardness wire insulation       10 ± 5 Shore D         Ingredient freeness wire insulation       10.4 ± 5 %         Shore hardness wire insulation       10 ± 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 cossection (wire)       0.75 mm²         Conductor type (wire)       stranded copper wire, bare         Conductor type (wire)       strandecase 6		
wire arrangementbrown, blueNo. of bending cycles (C-track)10 Mio. @ 25 °CCable weigth40,7 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material jacketPPAmount wires2Outer diameter insulationPPAmount wires2Outer diameter insulation1,7 mmOuter diameter insulation10 ± 5 Shore DIngredient freeness wire insulation10 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor or sossection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity min. wire12 AElectrical resistance line constant wire26 Dkm @ 20 °CNominal voltage power (Wire - wire)2,5 kV @ 60 sNominal voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		· · · · · · · · · · · · · · · · · · ·
No. of bending cycles (C-track)       10 Mio. @ 25 °C         Gable weigth       40,7 g/m         Material jacket       PUR         Shore hardness jacket       90 ± 5 Shore A         Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       2         Outer diameter tolerance core insulation       1,7 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       1/2 Shore D         Conductor crosssection (wire)       0,15 mm         Conductor wire       Stranded copper wire, bare         Conductor type (wire)       stranded case 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity min. wire       12 A         Electrica		
Cable weigth     40,7 g/m       Material jacket     PUR       Shore hardness jacket     90 ± 5 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     5 mm       Tolerance outer diameter (shealth)     ± 5 %       Material wire insulation     PP       Amount wires     2       Outer diameter tolerance core insulation     1.7 mm       Outer diameter tolerance core insulation     1.5 %       Shore hardness wire insulation     70 ± 5 Shore D       Ingredient freeness wire insulation     10 ± 5 %       Amount strands (wire)     42       Diameter of single wires     0.15 mm       Conductor rosssection (wire)     0.75 mm <sup>2</sup> Conductor type (wire)     Stranded copper wire, bare       Conductor type (wire)     strand class 6       Traversing distance (C-track)     10 m @ 25 °C   horizontal       Current load capacity standard)     to DIN VDE 0298-4       Current load capacity min. wire     12 A       Electrical resistance line constant wire     26.0km @ 20 °C       Nominal voltage power (wire - wire)     2.5 KV @ 60 s       Min. operating temperature (static)     -40 °C       Material tomolucing temperature (static)     -40 °C <td>-</td> <td></td>	-	
Material jacketPURShore hardness jacket $90 \pm 5$ Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outre diameter (sheath) $\pm 5$ %Material wire insulationPPAmount wires2Outer diameter insulation1,7 mmOuter diameter insulation70 $\pm 5$ %Shore hardness wire insulation70 $\pm 5$ %Shore hardness wire insulation70 $\pm 5$ %Shore hardness wire insulation1,7 mmOuter diameter tolerance core insulation $\pm 5$ %Shore hardness wire insulation10 $\pm 5$ %Shore hardness wire insulation10 $\pm 5$ %Shore hardness wire insulation1,6 %Ingredient freeness wire insulation14 $\pm 5$ %Material conductor vires0,15 mmConductor cosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)2,5 kV @ 60 sNominal voltage power (wire - wire)2,5 kV @ 60 sMain al voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (staci)40 °CMax. operating temperature (staci)40 °C		
Shore hardness jacket         90 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, halogen-free, silicone-free           Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         2           Outer diameter insulation         1,7 mm           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         70 ± 5 Shore D           Ingredient freeness wire insulation         164 free, cadmium-free, CFC-free, halogen-free, silicone-free           Amount wires         0,15 mm           Conductor vires         0,15 mm           Conductor vire         Stranded copper wire, bare           Conductor vire         Strande copper wire, bare           Conductor vire         Stranded copper wire, bare           Current load capacity (standard)         to DIN VDE 098-4           Current load capacity min. wire         12 A           Electrical resistanc	Cable weigth	40,7 g/m
Freedom from ingredients (jacket)       lead-free, cadmium-free, CFC-free, halogen-free, silicone-free         Outer-diameter (jacket)       5 mm         Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       2         Outer diameter noulation       1.7 mm         Outer 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 crossection (wire)       0.75 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - wire)       2,5 kV @ 60 s         AC withstand voltage power (wire - wire)       2,5 kV @ 60 s         Material temperature (static)       -40 °C         Nominal temperature (st	Material jacket	PUR
Outer-diameter (jacket)         5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PP           Amount wires         2           Outer diameter insulation         1,7 mm           Outer diameter insulation         ± 5 %           Shore hardness wire 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           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         10 m @ 25 °C   horizontal           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         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C           Nominal voltage power AC max.         300 V           Power frequency withstand	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)       ± 5 %         Material wire insulation       PP         Amount wires       2         Outer diameter insulation       1,7 mm         Outer diameter tolerance core insulation       ± 5 %         Shore hardness wire insulation       70 ± 5 Shore D         Ingredient freeness wire insulation       164-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         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity (standa	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation         PP           Amount wires         2           Outer diameter insulation         1,7 mm           Outer 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 mm <sup>2</sup> Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         strand class 6           Traversing distance (C-track)         10 m @ 25 °C   horizontal           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         12 A           Electrical resistance line constant wire         26 Ω/km @ 20 °C           Nomial voltage power AC max.         300 V           Power frequency withstand voltage power         2,5 kV @ 60 s           AC withstand voltage power (wire - wire)         2,5 kV @ 60 s           Min. operating temperature (static)         -40 °C           Max. operating temperature (fixed)         80 °C / 90 °C @ 10000 h Operation	Outer-diameter (jacket)	5 mm
Amount wires       2         Outer diameter insulation       1,7 mm         Outer 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         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       strand class 6         Traversing distance (C-track)       10 m @ 25 °C   horizontal         Current load capacity (standard)       to DIN VDE 0298-4         Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power       2,5 kV @ 60 s         AC withstand voltage power (wire - wire)       2,5 kV @ 60 s         AC withstand voltage power (staic)       -40 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation1,7 mmOuter diameter tolerance core 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 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Material wire insulation	PP
Outer diameter tolerance core 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 mm²Material conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Amount wires	2
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 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Outer diameter insulation	1,7 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	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 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		0,15 mm
Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	-	· · · · · · · · · · · · · · · · · · ·
Conductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
Traversing distance (C-track)10 m @ 25 °C   horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
Current load capacity min. wire       12 A         Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2,5 kV @ 60 s         AC withstand voltage power (wire - wire)       2,5 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation		
Electrical resistance line constant wire       26 Ω/km @ 20 °C         Nominal voltage power AC max.       300 V         Power frequency withstand voltage power (wire - jacket)       2,5 kV @ 60 s         AC withstand voltage power (wire - wire)       2,5 kV @ 60 s         Min. operating temperature (static)       -40 °C         Max. operating temperature (fixed)       80 °C / 90 °C @ 10000 h Operation		
Nominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Electrical resistance line constant wire	26 Ω/km @ 20 °C
Power frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
AC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Power frequency withstand voltage power	2,5 kV @ 60 s
Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		2,5 kV @ 60 s
Max. operating temperature (fixed)     80 °C / 90 °C @ 10000 h Operation		
Voerando remoerandre min (ovnamic)	Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)     80 °C / 90 °C @ 10000 h Operation		
mation in this Product-PDE has been compiled with the utmost care		

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UV resistance	DIN EN ISO 4892-2 A	
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2	
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 torsion cycles	2 Mio.	
Torsion speed	35 cycles/min	
Torsion stress	± 180 °/m	

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