

Valve plug MDC06-4s / MDC06-2s (Pins 3+4)

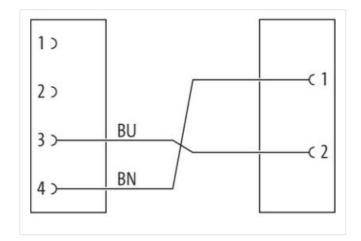
PUR 2x0.75 bk UL/CSA+drag ch. 15m

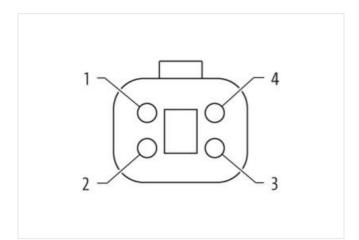
Xtreme - Outdoor
Male straight – male straight
Further cable lengths on request.
2-pole
6...230 V AC/DC
without components
with cable sleeves
compatibel to Deutsch DT06-2S
compatibel to Deutsch DT06-4S
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.

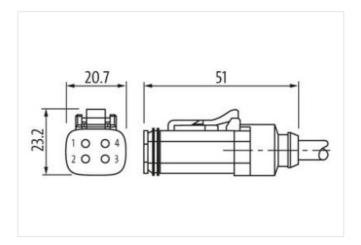
Link to Product

Illustration



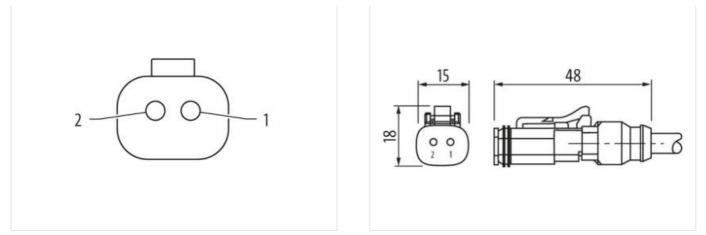






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-11





Product may differ from Image



Cable length	15 m
Side 1	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-4S
Material contact	Copper alloy
No. of poles	4
Side 2	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-2S
No. of poles	2
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060312
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909102404
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	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-11



Device protection [Electrics] IP68 Degree of protection (EN IEC 60529) IP68 Pollucin Degree 2 Pollucin Degree 2 Reads suge volge (EC 60564 1) III Additional suppressor without components Mechanical dical Misterial data Without components Mechanical dical Misterial data Silicon Mechanical dical Misterial data Silicon Mechanical data Mounting data Silicon Environmential characteristics [Climatic Compending response of the protection inspirator management of the connectors by suitable measures from mechanical loads, e.g. by the usage of calses on bending from the protection class can be discriptered by excessors bending from the hydrog cables, as the IP protection class can be discriptered by excessors bending from the hydrog cables, as the IP protection class can be discriptered by excessors bending from the hydrog cables, as the IP protection class can be discriptered by excessors bending from the hydrog cables, as the IP protection class can be discriptered by excessors bending from the hydrog cable, as the IP protection class can be discriptered by excessors bending from the hydrog cable, as the IP protection class can be discriptered by excessors bending from the hydrog cable, as the IP protection class can be disc	Status indication LED	no
Additional condition protection degree Inserted Publiction Degree 2 Ratial surge voltage 2.5 V Material group (IEC 8068-1) III Additional suppression withou components Material gasket Silcon Material position Silcon Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Note on bactian relief Protect the connectors by suitable measures from mechanical cads, e.g. by the usage of cable less. Note on bactian relief 754 Cable identification 754 Cable identification 10 m @ 25 °C (horizontal Cable identification	Device protection Electrical	
Pallado Surge 2 Rated surge voltage 2.5 kV Materal group [ICE 60564-1] III Additional Suppressor without components. Machanizati Suppressor Silcon Materal gaske Silcon Materal stanistication Silcon Faitaliation intemportation range depending tomostation machanistication stanistication notes Note on stani oriel Protect the connectors by suitable measures from mechanical loads, eg. by the usage of cable loss. Note on stani oriel Protect the connectors by suitable measures from mechanical loads, se. by Ely rotection class can be ending ratii when laying cables, as the IP protection class can be ending ratii when laying cables, as the IP protection class can be ending ratii when laying cables, as the IP protec	Degree of protection (EN IEC 60529)	IP68
Pated supportage 2.5 kV Material group (IEC 6064-1) III Material proop (IEC 6064-1) III Material pack (Material data Witbuct components Material pack (Material data) Silicon Material pack (Material data) Silicon Material pack (Material houring data) PA Evolution supported for the components Sinpli components Material pack (Material houring data) Sinpli components Evolution supported for the components Sinpli components Operating temperature max. 85 °C Additional confidence for the compactors by suitable measures from mechanical loads, e.g. by the usage of cable ites. Nole on strain relid Protect the compactors by suitable measures from mechanical loads, e.g. by the usage of cable ites. Nole on strain relid Attention: Cheere the permissible bending forces. Installation (Cable) Silicon Cable infortion 754 Cable infortion 754 Cable infortion 10 m@ 25 °C horizontal Cable wight 40,7 grm Material gabet PUE Stranding 10 m@ 25 °C horizontal <td>Additional condition protection degree</td> <td>inserted</td>	Additional condition protection degree	inserted
Material group (EC 806641) III Additional suppressor witbout components Mechanical data Mechanical data Mechanical data PA Mechanical data Mechanical data Mechanical data Material pasket Environmental characteristics [Climatic Environmental characteristics [Climatic Environmental characteristics [Climatic G5 °C Operating temperature max. 65 °C Additional condition temperature max. 65 °C Additional condition temperature max. 65 °C Note on stain riskialiation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending radius Ibstitication 754 Cable i fype 3 Jacket Color black Type of Carificate cJPLus Amount stranding 1 Stranding 2 wites twiteted wire anrangement brow, blue Drow bud material picket PUR Shore A	Pollution Degree	2
Additional suppressor without components Mechanical data [Material data Material pasket Silcon Material pasket Silcon Material pasket Silcon Material noising PA Machanical data [Mounting data Exercise Environmental characteristics [Climatic Community Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important Installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. Installation (Cable Cable tonullication Cable tonullication 754 Cable ton	Rated surge voltage	2,5 kV
Material pasket Silicon Material posket Silicon Material posket PA Mechanical distal [Mounting data Kaserian possibility (Contexposition) Environmental characteristics [Climatic Sing-in connector Operating temperature min. 25 °G Operating temperature max 85 °C Additional condition temperature range degending on cable quality Important installation notes Meterion: Observe the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees. Note on stain raining Proteet the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fees. Installation (Cable Attention: Observe the pormissible banding radii when laying cables, as the IP protection class can be and angered by excessive bending forces. Cable infordin 764 Cable Octor black Typo of Catflicate OLRus Anount stranding 1 Stranding 10 wes 25 °C [horizontal Cable weigh 40.7 ym Material posted 92.5 Shore A Freedom from ingredients (jacket) 10 wes 25 °C [horizontal Cable weigh 40 ± 5 % <td>Material group (IEC 60664-1)</td> <td>III</td>	Material group (IEC 60664-1)	III
Material gasket Silicon Material posing PA Material tousing PA Mechanical data [Mounting data Snsp-in connector Environmental characteristics [Climatic Snsp-in connector Environmental characteristics [Climatic Soc 0 Operating temperature man. 25 °C Operating temperature man. 25 °C Operating temperature man. 25 °C Notion al condition temperature range depending on cable quality Internation relief Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable ites. Note on strain relief Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable ites. Note on strain relief Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable ites. Note on strain relief Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable ites. Note on strain relief Protect the connectors by suitable measures from mechanical backs, e.g. by the usage of cable ites. Strainform Strainform Strainform Strainform Strainform Strainform Type of Contificate <t< td=""><td>Additional suppressor</td><td>without components</td></t<>	Additional suppressor	without components
Material housing PA Mechanical data Mounting data Snap in connector Evivronmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 65 °C Additional condition temperature range depending on cable quality Important instellation notes Additional condition temperature range Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files. Note on bending radius Attention: Observe the permitable bending radii whon laying cables, as the IP protoction class can be endangered by socessive bending forces. Installication 754 Cable identification 754 Cable Iopp 3 Jacket Color Black Type of Cartificate URus Amount stranding 1 Taversing distance (C-track) 10 m @ 25 °C forizontal Cable weight 40.7 g/m Material jackd PUR Shore hardness igabet 90.15 Shore A Freedom Itom ingredients (jacket) 15 % Material wine insulation	Mechanical data Material data	
Material housing PA Mechanical data Mounting data Snap in connector Evivronmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 65 °C Additional condition temperature range depending on cable quality Important instellation notes Additional condition temperature range Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files. Note on bending radius Attention: Observe the permitable bending radii whon laying cables, as the IP protoction class can be endangered by socessive bending forces. Installication 754 Cable identification 754 Cable Iopp 3 Jacket Color Black Type of Cartificate URus Amount stranding 1 Taversing distance (C-track) 10 m @ 25 °C forizontal Cable weight 40.7 g/m Material jackd PUR Shore hardness igabet 90.15 Shore A Freedom Itom ingredients (jacket) 15 % Material wine insulation	Material gasket	Silicon
Mechanical data [Mounting data Looking techniques Snap-in connector Environmental characteristics [Climatic Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temporature may. depending on cable quality Important installation notes Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on stain relief Attention: Observe the permisable bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation I Cable Cable rights Cable identification 754 Cable identification 1 Stranding 1 Stranding 2 Veries twisted Wires arrangement wire arrangement brown, blue Traversing distarce (C+rack) 10 m @ 25 °C horizontal Cable weigh 40.7 µm Material jacket 90 ± 5 Shore A Freedom form ingredients (jacket) 60 ± 5 Shore A Traversing distarce (c-rack) 10 m @ 25 °C ries, halogen-free, silicone-free		
Looking techniques Snap in connector Environmental characteristics [Climatic -25 °C Operating temperature max. 85 °C Additional condition temperature may. depending on cable quality Important installation notes	Ĵ	
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature may depending on cable quality Important installation notes endongen on cable quality Important installation notes Attention: Observe the permissible bending radiu when laying cables, as the IP protection class can be endongened by excessive bending forces. Installation Cable Cable of bentification 754 Cable Ioftentification 754 Cable Tope Acket Color black Curves Type of Certificate CURus Annount stranding Annount stranding 1 Stranding Tarversing distance (C-track) 10 m (25 °C) Iorizontal Cable weigh Ador regiones jacket PUR Shore hardnese jacket PUR Shore hardnese jacket PUR Shore hardnese jacket PUR Caler aneter (cacket) 5 % Shore hardnese (chacket) 5 % Caler aneter (cacket) 5 mm Caler aneter (cacket) 5 % Carded aneter (sacket) 5 % Shore hardnese (wet insulation <td></td> <td>Snap-in connector</td>		Snap-in connector
Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature max. 85 °C Additional condition temperature max. 64 °C Important installation notes Vester matching in temperature may. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tes. National condition temperature may. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be employed in the protection class can be expected in the protectin class can be expected in the protection class can be expected		•
Operating temperature max. 85 °C Additional condition temperature many depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation 754 Cable identification 0.50 wr.g.black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weight 40.7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 16 44-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter isolation 1.5 % <		
Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Amention: Observate the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation I Cable Zable didentification 754 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted Stranding 2 Traversing distance (C-track) 10 m@ 25 °C horizontal Cable weigh 40,7 g/m Material jacket PUR Stranding		
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable Information in the endangered by excessive bending forces. Cable forpo 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C+rack) 10 m @ 25 °C horizontal Cable weigh 40,7 g/m Material jacket PUR Shore hardness jackst 90 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sheath) 5 % Material wire insulation PP Amount transfer (wire) 5 % Shore hardness wire insulation 70 ± 5 % Outer diameter (sheath) 5 % Shore hardness wire insulation 70 ± 5 %		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Instillation Cable Zable identification 754 Cable identification 754 Zable identification 754 Cable identification 0 Dack Type of Carlificate URus Amount stranding 1 Stranding 1 Stranding 2 wires twisted Wire arrangement Brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigh 40.7 g/m Material jacket PUR Store A Store A Freedom from ingredients (jacket) 10 m @ 25 °C horizontal Store A Freedom from ingredients (jacket) 90 ± 5 Shore A Store A Freedom from ingredients (jacket) 5 mm Percessition = free Outer diameter (sleadit) ± 5 % Store A Store hardness wire insulation 70 ± 5 Shore D Percessition = free Store Partinsus		depending on cable quality
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable identification 754 Cable identification 754 Cable identification 754 Cable identification black Type of Cartificate cJRus Amount stranding 1 Stranding 2 wires twisted Wire arrangement brown, blue Traversing distance (C+rack) 10 m @ 25 °C horizontal 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 m Tolerance outer diameter (sheath) ± 5 % Amount wrise 2 Outer diameter tolerance core insulation 1,7 mm Outer diameter insulation 1 = 4 PP 2 Outer diameter insulation 1.4 mm Outer diameter insulation 1.5 % Shore ha	Important installation notes	
Note on benuing radius endangered by excessive bending forces. Installation Cable Cable identification 754 Cable force 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal Cable weigth 40,7 g/m Material jacket 9 UR 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 m Toferance outer diameter (sheath) ± 5 % Material jack PP Amount wires 2 Outer diameter tolerance core insulation 1.7 mn Outer diameter tolerance core insulation 1.5 fs Shore hardness wire insulation 7.9 ± 5 Shore D Ingredient freeness wire insulation 1.6 mm Outer diameter insulation 1.6 mm Conductor or sissectino (wire)	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification 754 Cable Type 3 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal 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 diameter (sheath) ± 5 % Material wire insulation PP Amount strands 1,7 mm Outer diameter insulation 1,7 mm Outer diameter wire insulation 1,7 ± 5 Shore D Ingredient freeness wire insulation 1,9 ± 5 Shore D Ingredient freeness wire insulation 1,7 ± 5 Shore D Ingredient freeness wire insulation 1,9 ± 5 Shore D Ingredient freeness wire insulation 1,7 ± 5 Shore D Ingredient freeness wire insulation 1,0 ± 5 S	Note on bending radius	
Cable Type 3 Jacket Color black Type of Certificate cJRus Amount stranding 1 Stranding 2 wires twisted wire arangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal 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 insulation 1.5 Shore D Ingredient freeness wire insulation 1.5 Shore D Ingredient freeness wire insulation 1.2 Shore D Ingredient freeness wire insulation 1.4 S Mount strands (wire) 42 Diameter of single wires 0.15 mm Conductor wire Stranded copper wire, bare Conductor wire Stranded capper wire, bare <td< td=""><td>Installation Cable</td><td></td></td<>	Installation Cable	
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal 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 15 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1,7 mm Outer diameter tolerance core insulation 45 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1,6 mm Conductor wire 0,15 mm Conductor wire Stranded copper wire, bare Conductor type (wire) 0,75	Cable identification	754
Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 2 wires twisted wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal 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 ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1,2 mm Outer 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 Nominal voltage AC max. 300 V Current load capacity (standard) <	Cable Type	3
Amount stranding1Stranding2 wires twistedwire arrangementbrown, blueTraversing distance (C-track)10 m @ 25 °C horizontalCable 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 wire insulationPPAmount wires2Outer diameter insulation1,7 mmOuter diameter insulation17,7 mmOuter diameter insulation17 5 %Shore hardness wire insulation17 5 \$%Shore hardness wire insulation17 5 \$%Dater and size insulation17 5 \$%Cuter diameter freeness wire insulation16 42Ingredient freeness wire insulation12 5 \$%Shore hardness wire insulation12 5 \$%Material conductor wire0,15 mmConductor wire0,75 mm²Material conductor wire\$tranded copper wire, bareConductor wire\$tran		black
Amount stranding1Stranding2 wires twistedwire arrangementbrown, blueTraversing distance (C-track)10 m @ 25 °C horizontalCable 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 wire insulationPPAmount wires2Outer diameter insulation1,7 mmOuter diameter insulation17,7 mmOuter diameter insulation17 5 %Shore hardness wire insulation17 5 \$%Shore hardness wire insulation17 5 \$%Dater and size insulation17 5 \$%Cuter diameter freeness wire insulation16 42Ingredient freeness wire insulation12 5 \$%Shore hardness wire insulation12 5 \$%Material conductor wire0,15 mmConductor wire0,75 mm²Material conductor wire\$tranded copper wire, bareConductor wire\$tran	Type of Certificate	cURus
wire arrangement brown, blue Traversing distance (C-track) 10 m @ 25 °C horizontal 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 lolerance core insulation 1,7 mm Outer diameter lolerance core insulation 1,5 % 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) 0,76 mm² Material conductor wire Stranded copper wire, bare Conductor wire Strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0288-4 Current load capacity min. wire		1
Traversing distance (C-track)10 m @ 25 °C horizontalCable 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 wire insulationPPAmount wires2Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation12 5 %Shore hardness wire insulation12 5 Shore DIngredient freeness wire insulation12 5 Shore DIngredient freeness wire insulation42Diameter of single wires0,15 mmConductor rorssection (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. wire12 A	Stranding	2 wires twisted
Cable 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 wire insulationPPAmount wires2Outer diameter tolerance core 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 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. wire12 A	wire arrangement	brown, blue
Material 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 wire insulationPPAmount wires2Outer diameter tolerance core 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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Traversing distance (C-track)	10 m @ 25 °C horizontal
Shore 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 wire insulationPPAmount wires2Outer diameter tolerance core insulation1,7 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness 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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Cable weigth	40,7 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires2Outer 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 rosssection (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. wire12 A	Material jacket	PUR
Outer-diameter (jacket)5 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires2Outer 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)strande copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires2Outer 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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulationPPAmount wires2Outer 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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Outer-diameter (jacket)	5 mm
Amount wires2Outer 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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	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)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Outer diameter insulation	1,7 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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	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. wire12 A	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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	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 12 A	Diameter of single wires	0,15 mm
Conductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Conductor crosssection (wire)	0,75 mm²
Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 A	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A	Conductor type (wire)	strand class 6
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 12 A	Nominal voltage AC max.	300 V
Current load capacity min. wire 12 A		to DIN VDE 0298-4
		12 A
		26 Ω/km @ 20 °C

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-11



AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
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 § 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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-11