

## Y-Distributor M12 male / M8 female 0° A-cod.

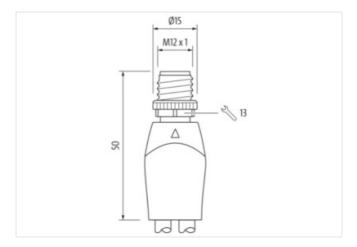
PVC 3x0.25 bk UL/CSA 0.3m

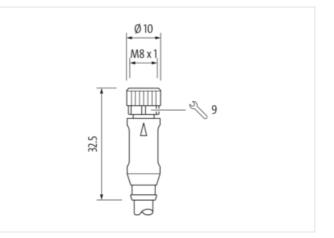
Art.No.: 7000-40821-6100030 Weight: 0.041 Country of origin: CZ Model designation: MSAYTL0-FR610\_0.3-FR610\_0.3

## Link to Product

Illustration

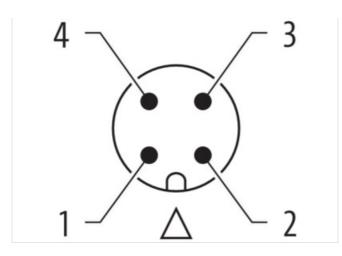


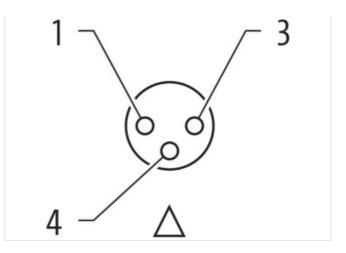


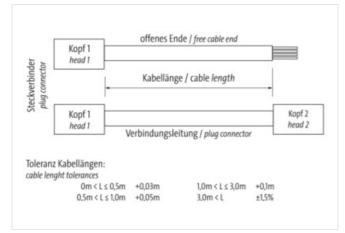


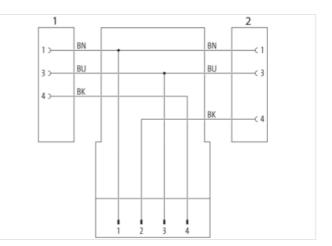
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Product may differ from Image



## Side 1 Family construction form M8 No. of poles 3 Coding А Gender female Mounting method inserted, screwed Thread M8 x 1 Tightening torque 0.4 Nm Width across flats SW9 Cable outlet straight suitable for corrugated tube (internal Ø) 6.5 mm Material PUR Material contact Copper alloy Coating contact gold plated Degree of protection (EN IEC 60529) IP67, IP66K, IP65 Side 2 Family construction form M8 No. of poles 3

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Coding	Α
Gender	female
Mounting method	inserted, screwed
Thread	M8 x 1
Tightening torque	0.4 Nm
Width across flats	SW9
Cable outlet	straight
suitable for corrugated tube (internal $\emptyset$ )	6.5 mm
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 3	
Family construction form	M12
No. of poles	4
Coding	A
Gender	male
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
Material	PUR
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-40821-6100030
GTIN	4048879154369
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060313
ECLASS-9.1	27060313
ECLASS-10.0.1	27060313
ECLASS-10.1	27060313
ECLASS-11.0	27060313
ECLASS-11.1	27060313
ECLASS-12.0	27060313
ECLASS-13.0	27060313
ECLASS-14.0	27060313
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
EAN	4048879154369
Electrical data   Supply	
Operating voltage AC max.	50 V
	60 V

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Operating voltage AC (UL-leaded)     S0 V       Desponsite     Status indication LED     no       Device protection [Electrical     Additional condition protection degree     3       Additional condition protection degree     3     3       Enditised scondition protection degree     3     3       Enditised scondition protection degree     3     3       Enditised scondition degree     3     3       Condition logs in the scondition degree     3     3       Enditised scondition degree     Nodesed     3       Matching logs in the scondition degree     Nodesed     3       Environmental characteristics [Clinical     Secondition condition condition condition code scondition co	Current operating per contact max.	4 A
Operating voltage DC (UL-stated)     30 V       Dagootics     no       Betwise protection I Electrical		
DespositionStatus includion LDDnoDevice protection Electricalinserted, sciewedAdditional condition protection degreeinserted, sciewedPollution Degree3Radis surge voltage1.5 NMaterial grange (EG 80664-1)iRecharized data [Material data]Zine die oatalingCoding machineZine die oatalingCoding machineFKMRecharized data [Material data]FKMRecharized data [Material data]FKMRechar		
Busic indication LED     no       Device protection [lectrics]       Additional condition protection degree     insarted, screwed       Pollution Degree     3       Rated surge (DBG 06641)     1       Meterial group (EDG 06641)     1       Meterial group (EDG 06641)     Nickleid       Material group (EDG 06641)     Operating inspection (EDG 06641)       Material group (EDG 06641)     Nickleid       Material group (EDG 06641)     Nickleid       Material group (EDG 06641)     Nickleid 06640       Material group (EDG 06641)     Nickleid 06640       Material group (EDG 06641)     Nickleid 06640       Material Material Material Material Material Material Material Material		
Device protection   Electrical       Additional condition protection degree     inserted, serward       Additional condition protection degree     3       Rated surge valuage     1.5 kV       Material granop, (EC 50566-1)     1       Machanical data   Material data     Zine cile casting       Conting tooling     Nickledel       Material granop     FKM       Depending temperature min.     -50 °C       Operating temperature min.     -50 °C       Operating temperature max.     85 °C       Additional condition tores     enderagrand process.       Note on stain relief     Protect the commentors by suitable measures from mechanical backs, e.g. by the usage of caske las.       Contorniny     Product standprocess.     Stain operature stain defee       Product standproces     1     Stain defee       Cataliation (Caske     Nover Stain defee     Stain defee       Outer		20
Additional condition protection degree     Polution begree     S     Reat surge voltage     S     Reat     Reat     Reat surge voltage     Reat		U
Pallation Degree     3       Rated surge voltage     1.5 kV       Material group (EGE 6066-1)     1       Mechanical data   Material data     Zin de-casting       Locking material     Zin de-casting       Costing incking     Nickled       Material gasket     FKM       Mechanical data   Mounting data     Mounting mithow       Mounting mithow     inserted. screwed. Straking protoctom       Environmental characteristics   Climatic     Comparing temperature max.       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Unportatin instillation nobe     Materior: Onserve the permissible bending ratil when laying cables, as the IP protoction class can be endangered by excessive bending fores.       Note on serving relide     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable des.       Contornity     Contornity       Cable dendificant     610       Cable Type     1       Amount stranding     1       Material wire insulation     45       Cable wire insulation     45       Cable dendificant cende deservice insulation     50	•	
Rated surge voltage     1.5 kV       Material group (EC 60664-1)     1       Mechanical data (Material data)     Zinc dia casaling       Costing (ocking)     Nickeled       Material gradet     FKM       Operating temperature ment.     50 °C       Operating temperature max.     65 °C       Operating temperature max.     65 °C       Additional condition temperature range     Operating temperature max.       Note on bending tradius     Attention: Observe the portisable bonding radii when laying cables, as the IP protoction class can be endangered by accessive bending forces.       Note on stain rolid     Protect the connectors by suitable measures from methanical loads, e.g. by the usage of cable tes.       Conternity     Protect the connectors by suitable measures from retain class.       Cable identification     610       Cable identification     610       Cable identification     1       Stranding     Wires       Wire arrangement     torwn, black, blue       Cable identification		·
Material group (IEC 60684-1)     I       Machinal data     Image: Imag	-	
Mechanical data   Material data     Zinc die-casting       Coating locking     Nickeled       Aderian gaskel     FKM       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Excinance data   Mounting data     inserted, screwed, Shaking protection       Excinance data   Mounting data     inserted, screwed, Shaking protection       Excinance data   Mounting data     inserted, screwed, Shaking protection       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional controlito temporature range     depending on cable quality       Important installation notes     Attention: Ossave the parmissible bonding radii when laying cables, as the IP protection class can be endingerangered by accessive bonding forces.       Note on serian relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Contomity     Inselficion Cable     Inselficion Cable Cable Streppe       Cable danging     610     Cable Streppe       Cable danging     Vires     Strading       Wires arrangement     Kown, black, blue     Cable Wires       Cable weigh     28.37 °p m     Cable Streppe     Streppe       Oute		
Locking material     Zinc die-casting       Coating looking     Nickeled       Material gasket     FKM       Mechanical data (Mounting data     Inserted, screwed, Shaking protoction       Environmental characteristics (Climatic     Environmental characteristics (Climatic       Operating temperature main.     60 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Environmental Characteristics (Climatic       Note on braching radius     Attention: Observe the permissible bending radii when taying cables, as the IP protection class can be endangered by excessive bending loces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Conformity     Environmental Characteristics (Climatic Climatic Climat		
Cataling locking     Nickeled       Material gasket     FKM       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Environmental characteristics   Climatic	Mechanical data   Material data	
Material gasket     FKM       Mechanical data   Mounting data     inserted, screwed, Shaking protection       Mounting method     inserted, screwed, Shaking protection       Coperating temperature max.     85 °C       Additional condition temperature max     85 °C       Additional condition temperature max     85 °C       Additional condition temperature max     85 °C       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangared by accessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable dentification     610       Cable Type     1       Armount stranding     1       Stranding     Wires       Wire arrangement     brown. black, blue       Cable weight     29.37 g/m       Material wire insulation     9C       Arterial properties wire insulation     20.55 mm       Outer diameter insulation     20.55 mm       Outer diameter insubation     9C/C <tr< td=""><td></td><td>Zinc die-casting</td></tr<>		Zinc die-casting
Mechanical data   Mounting data       Mounting method     inserted, screwed, Shaking protection       Environmental characteristics   Gilmatic     Coperating temperature max.     85 °C       Operating temperature max.     85 °C     Coperating temperature max.     85 °C       Additional condition temperature max.     85 °C     Coperating temperature max.     85 °C       Additional condition temperature max.     85 °C     Commental screwed, Shaking protection protection class can be endangered by accessive bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces.     Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lise.       Contornity     Units No 1676-2-101 (M12), DIN EN 61076-2-104 (M8)     Installist Code lise.       Cable organitication     610     Code list from code list screwed, blue     Code list from code list screwed, blue       Cable froge     1     1     Code list from code list screwed, blue     Code list from code list screwed, blue       Cable weight     29.37 g/m     Code classities     Code classities     Code classities       Cable distribution     PVC     Sort management     Loss from code list screwed, blue     Code classities     Code classities		
Mounting method     inserted, screwed, Shaking protection       Environmental characteristics [ Climatic     -30 °C       Operating temperature min.     -30 °C       Operating temperature man.     65 °C       Additional condition temperature mage     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangeed by accessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable letes.       Contomity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation fobbe     Cable identification     610       Cable identification     610     Cable identification       Gable identification     610     Cable identification       Gable identification     92 °G °G     Gable identification       Vires     Gable identification     PVC       Cable identification     92 °G °G     Gable identification       Outer diamater insulation     PVC     Gable identification       Outer diamater insulation     PVC     Gable identification       Outer diamater insulation     Gor	Material gasket	FKM
Environmental characteristics   Climatic       Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature may.     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contormity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation   Cable     Edub in the force - 101 (M12), DIN EN 61076-2-104 (M8)       Installation   Cable     610     Cable Type       View arrangement     brown, black, blue     Cable Type       Cable weigth     29.37 g/m     Material wre insulation       Auter diameter tolerance core insulation     1.25 mm     Cuter diameter tolerance core insulation       Outer diameter tolerance core insulation     45     Standing     God machinability       Ingredient Teoperase wire insulation     CPC-Free, cadmium-free, silicone-free, lead-free     Amount wire       Auter diameter tolerance core insulation     0.25 mm <sup>2</sup> Conducer diameter (aket)     4.5 mm	Mechanical data   Mounting data	
Operating temperature min.     -30 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contomity     Product standard       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation I Cable     Cable Type       Cable didnification     610       Cable Type     1       Amount stranding     1       Wries arrangement     brown, black, blue       Cable weigth     29.37 g/m       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     4.0 Sm       Material wire insulation     9.05 mm       Shore hardness wire insulation     4.0 Sm       Outer diameter insulation     9.05 mm       Contomity     2.25 mm       Outer diameter insulation     0.25 mm <sup>2</sup> Conc	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contornity     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable identification     610       Cable identification     92.37 g/m       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm       Outer diameter insulation     1.25 mm       Conductor crossescerion (wire)     0.45 mm       Conductor or senset wire insulation <td< td=""><td>Environmental characteristics   Climatic</td><td></td></td<>	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation [ Cable Cable identification     610     Cable Type     1       Amount stranding     1 <t< td=""><td>Operating temperature min.</td><td>-30 °C</td></t<>	Operating temperature min.	-30 °C
Important installation notes       Note on bending radius     Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contormity     Image: Suitable measures from mechanical loads, e.g. by the usage of cable ties.       Contomity     Image: Suitable measures from mechanical loads, e.g. by the usage of cable ties.       Cable tight     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation I Cable     Cable force       Cable force     1       Amount stranding     1       Stranding     Wires       Wire arrangement     brown, black, blue       Cable weigh     29.37 g/m       Material wire insulation     PVC       Amount stranding     1.25 mm       Outer diameter insulation     1.05 nm       Shore hardness wire insulation     45       Material properies wire insulation     45       Material properies wire insulation     0.05 nm       Shore hardness wire insulation     0.15 mm       Conductor crosssection (wire)     0.25 mm <sup>2</sup>	Operating temperature max.	85 °C
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Conformity     Product strandard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation   Cable     Cable identification     610       Cable identification     610     Cable identification     Stranding       Wires     1     Stranding     Wires       Wires arrangement     brown, black, blue     Cable weigth     29.37 g/m       Auter diameter insulation     PVC     Amount wires     3       Outer diameter insulation     ± 0.05 mm     Store maintains     Store maintains       Shore hardness wire insulation     ± 0.05 mm     Store adminumentere insulation     CF-Creace, cadmium-free, silicone-free, lead-free       Amount strands (wire)     14     Stranded copper wire, bare     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare     Stranded copper wire, bare     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare     Stranded copper wire, bare     Stranded copper wire, ba	Additional condition temperature range	depending on cable quality
Note on strain relief     endangered by excessive bending forces.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Conformity     INE N 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation (Cable     Cable identification       Cable identification     610       Cable weigh     1       Amount stranding     Wires       Wire arrangement     brown, black, blue       Cable weigh     29.37 g/m       Material wire insulation     PVC       Amount wires     3       Outer diameter insulation     1.25 mm       Outer diameter insulation     good machinability       Ingredient Teeness wire insulation     good machinability       Ingredient Teeness wire insulation     GPC-free, cadmium-free,	Important installation notes	
Conformity       Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation   Cable       Cable identification     610       Cable Type     1       Amount stranding     1       Stranding     Wires       Wire arrangement     brown, black, blue       Cable weigh     29.37 g/m       Material wire insulation     PVC       Amount Vires     3       Outer diameter insulation     1.25 mm       Outer diameter insulation     1.05 mm       Shore hardness wire insulation     4.05 mm       Shore hardness wire insulation     45       Material properties wire insulation     GCF-ree, cadmium-free, silicone-free, lead-free       Amount strands (wire)     14       Diameter of single wires     0.15 mm       Conductor rwire     Strandel copper wire, bare       Conductor twire)     Strandel copper wire, bare       Conductor wire)     Strandel copper wire, bare       Conductor twire)     Strandel copper wire, bare       Conductor twire)     Strandel copper wire, bare       Conductor type (wire)     Stramed conses 5	Note on bending radius	
Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation   Cable       Cable identification     610       Cable Identification     610       Cable Type     1       Amount stranding     1       Stranding     Wires       Wrie arrangement     brown, black, blue       Cable weigth     29.37 g/m       Material wire insulation     PVC       Amount vires     3       Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     4.05 mm       Outer diameter tolerance core insulation     45       Material properties wire insulation     GPC-free, cadmium-free, silicone-free, lead-free       Amount strands (wire)     14       Diameter of single wires     0.15 mm²       Conductor rowsection (wire)     0.25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare       Outer diameter (jacket)     4.5 m	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Product standard     DIN EN 61076-2-101 (M12), DIN EN 61076-2-104 (M8)       Installation   Cable       Cable identification     610       Cable Identification     610       Cable Type     1       Amount stranding     1       Stranding     Wires       Wrie arrangement     brown, black, blue       Cable weigth     29.37 g/m       Material wire insulation     PVC       Amount vires     3       Outer diameter insulation     1.25 mm       Outer diameter tolerance core insulation     4.05 mm       Outer diameter tolerance core insulation     45       Material properties wire insulation     GPC-free, cadmium-free, silicone-free, lead-free       Amount strands (wire)     14       Diameter of single wires     0.15 mm²       Conductor rowsection (wire)     0.25 mm²       Material conductor wire     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare       Conductor type (wire)     Stranded copper wire, bare       Outer diameter (jacket)     4.5 m	Conformity	
Installation   CableCable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth23.7 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mmShore hardness wire insulation45Material wires000 machinabilityIngredient freeness wire insulationCFC-free, cadmium-free, silicone-free, lead-freeAmount wires0.15 mmConductor vire0.25 mm²Material conductor wireStranded copper wire, bareConductor vire0.25 mm²Conductor vire5.5Outer diameter (jacket)4.5 mmTolerance outer (jacket)4.5 mmTolerance outer (jacket)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		DIN EN 61076-2-101 (M12) DIN EN 61076-2-104 (M8)
Cable identification610Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mmShore hardness wire insulationgood machinabilityIngredient freeness wire insulationCFC-free, cadmium-free, silicone-free, lead-freeAmount strands (wire)14Diameter of single wires0.15 mmConductor wireStranded copper wire, bareConductor wireStranded copper wire, bareConductor wireStranded copper wire, bareConductor type (wire)Strand class 5Outer diameter (jacket)± 5 %Material kacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		
Cable Type1Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter loterance core insulation± 0.05 mmShore hardness wire insulationgood machinabilityIngredient freeness wire insulationGood machinabilityIngredient freeness wire insulationCFC-free, cadmium-free, silicone-free, lead-freeAmount strands (wire)14Diameter of single wires0.15 mmConductor wireStranded coper wire, bareConductor wireStranded coper wire, bareConductor wireStranded coper wire, bareConductor type (wire)\$trand class 5Outer diameter (jacket)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		610
Amount stranding1StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mmShore hardness wire insulationgood machinabilityIngredient freeness wire insulationGFC-free, cadmium-free, silicone-free, lead-freeAmount strands (wire)14Diameter of single wires0.15 mm²Conductor rosssection (wire)0.25 mm²Material conductor wireStranded copper wire, bareConductor urierStranded capper wire, bareConductor urierStranded capper wire, bareConductor urierStrand class 5Outer diameter (jacket)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		
StrandingWiresWire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mmShore hardness wire insulation45Material properties wire insulationgood machinabilityIngredient freeness wire insulationCFC-free, cadmium-free, silicone-free, lead-freeAmount strands (wire)14Diameter of single wires0.15 mm²Conductor wireStranded copper wire, bareConductor type (wire)Stranded copper wire, bareConductor type (wire)Strand class 5Outer diameter (lacket)4.5 mmTolerance outer diameter (sheatth)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		
Wire arrangementbrown, black, blueCable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter lolerance core insulation± 0.05 mmShore hardness wire insulation45Material properties wire insulationgood machinabilityIngredient freeness wire insulationCFC-free, cadmium-free, silicone-free, lead-freeAmount strands (wire)14Diameter of single wires0.15 mmConductor crosssection (wire)0.25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Outer diameter (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		
Cable weigth29.37 g/mMaterial wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mmShore hardness wire insulation45Material properties wire insulationgood machinabilityIngredient freeness wire insulationGCFC-free, cadmium-free, silicone-free, lead-freeAmount strands (wire)14Diameter of single wires0.15 mmConductor crosssection (wire)0.25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Stranded copper wire, bareOuter-diameter (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		
Material wire insulationPVCAmount wires3Outer diameter insulation1.25 mmOuter diameter tolerance core insulation± 0.05 mmShore hardness wire insulation45Material properties wire insulationgood machinabilityIngredient freeness wire insulationCFC-free, cadmium-free, silicone-free, lead-freeAmount strands (wire)14Diameter of single wires0.15 mmConductor crosssection (wire)0.25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Outer-diameter (jacket)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free		
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Amount strands (wire)14Diameter of single wires0.15 mmConductor crosssection (wire)0.25 mm²Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Outer-diameter (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free	Material properties wire insulation	good machinability
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Material conductor wireStranded copper wire, bareConductor type (wire)Strand class 5Outer-diameter (jacket)4.5 mmTolerance outer diameter (sheath)± 5 %Material jacketPVCShore hardness jacket85Freedom from ingredients (jacket)CFC-free, cadmium-free, silicone-free, lead-free	Diameter of single wires	0.15 mm
Conductor type (wire)   Strand class 5     Outer-diameter (jacket)   4.5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material jacket   PVC     Shore hardness jacket   85     Freedom from ingredients (jacket)   CFC-free, cadmium-free, silicone-free, lead-free	Conductor crosssection (wire)	0.25 mm <sup>2</sup>
Outer-diameter (jacket)   4.5 mm     Tolerance outer diameter (sheath)   ± 5 %     Material jacket   PVC     Shore hardness jacket   85     Freedom from ingredients (jacket)   CFC-free, cadmium-free, silicone-free, lead-free		
Tolerance outer diameter (sheath)   ± 5 %     Material jacket   PVC     Shore hardness jacket   85     Freedom from ingredients (jacket)   CFC-free, cadmium-free, silicone-free, lead-free		
Material jacket PVC   Shore hardness jacket 85   Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free		
Shore hardness jacket 85   Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free		
Freedom from ingredients (jacket)     CFC-free, cadmium-free, silicone-free, lead-free		
	Shore hardness jacket	
Material property (jacket) good machinability		
	Material property (Jacket)	good machinability

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: 2025-08-05



Conductor resistance (wire)	79 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4.5 A
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter

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