

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

PVC 3x0.34 gy UL/CSA 5m

Art.No.: 7000-40701-2130500

Weight: 0.39

Country of origin: CZ

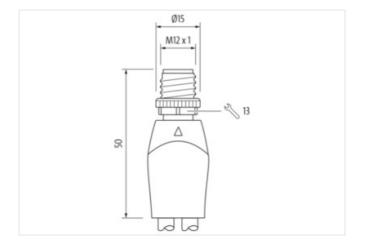
Model designation: MSAYTL0-BR213\_5.0-BR213\_5.0

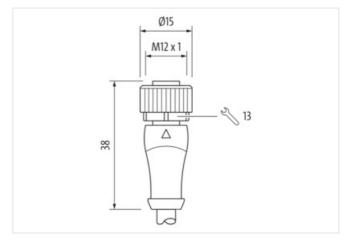
## **Link to Product**

## Illustration



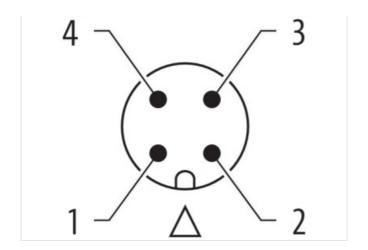


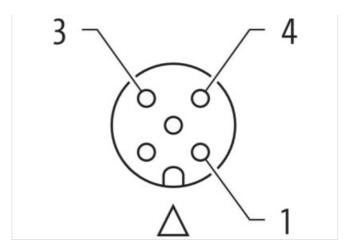


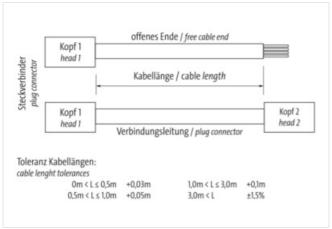


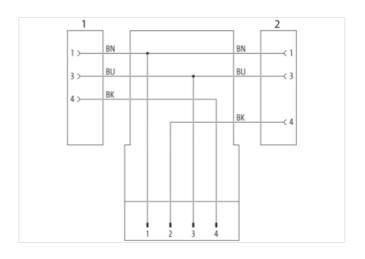


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Product may differ from Image















Side 1	
Family construction form	M12
No. of poles	3
Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal Ø)	10 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	M12
No. of poles	3



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Coding	A
Gender	female
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Width across flats	SW13
Cable outlet	straight
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Material contact	
Coating contact	Copper alloy gold plated
Degree of protection (EN IEC 60529)	IP67, IP66K, IP65
Side 3	II 07, II 00N, II 03
	MIO
Family construction form	M12 4
No. of poles	
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/7000-40701-2130500
URL Webshop GTIN	https://shop.murrelektronik.com/7000-40701-2130500 4048879157803
GTIN	4048879157803
GTIN ECLASS-6.0	4048879157803 27279218
GTIN ECLASS-6.0 ECLASS-6.1	4048879157803 27279218 27279218
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Environmental characteristics   Climatic Operating temperature min.	Current operating per contact max.	4 A
Device protection   Electrical         Accidination begree         Inserted, screwed           Pollution Degree         3           Rated supp-voltage         2.5 kV           Meterial group (IEC 8068-1)         I           Meterial acrew connection         Zinc dis-casting           Coading of stiting         nickel plated           Locking material         Zinc dis-casting           Coading of stiting         nickel plated           Locking material         Zinc dis-casting           Mounting material         FKM           Mechanical data   Mounting data         FKM           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climato         Evironmental properature may           Ceperating temperature max         50 °C           Additional condition temperature may         depending on eable quality           Important Installation notes         S°C           Actional condition temperature may         depending on eable quality           Important Installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable size and red end red and red learning from the red learning frome.           Conformity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable size.	Diagnostics	
Additional condition protection degree inserted, screwed Pollution Degree 3 Readed surge voltage 2,5 kV Meterial group (EC 60564-1)  Mechanical data   Material data   Materia	Status indication LED	no
Additional condition protection degree inserted, screwed Pollution Degree 3 Readed surge voltage 2,5 kV Meterial group (EC 60564-1)  Mechanical data   Material data   Materia	Device protection   Electrical	
Pollution Degree 3 Ratiad surgiv rollage 2,5 kV  Machanial group (IEC 9068-1) I  Machanial group (IEC 9068-1) I  Machanial group (IEC 9068-1) I  Machanial start (IEC 9068-1) I  Machanial start (IEC 9068-1) I  Material start women control of plant of the starting start I  Machania data   Mounting data	•	insorted serowed
Rater largony (IEC 60664-1) I  Meterial group (IEC 60664-1) I  Meterial group (IEC 60664-1) I  Meterial screw connection	<u> </u>	<del>`</del>
Meterial group (IEC 60664.1)  Mechanical data (Material data  Material screw comection Zinc die casting  Coating of fifting nickel plated  Locking material  Coating of fifting Nickel plated  Locking material  Coating of fifting Nickel plated  Locking material  Coating locking Nickel plated  Material gaskert FKM  Mechanical data   Mounting data  Mulchanical data   Mounting data  Material condition temperature man.  Additional condition temperature man.  Attention. Coscore the permissible bending radii when laying cables, as the IP production class can be endangered by excessive bending forces.  Note on stant relief  Product standard  Din IE file flores.  Attention. Coscores when laying cables, as the IP production class can be endangered by excessive bending radii when laying cables, as the IP production class can be endangered by excessive bending forces.  Attention. Condition temperature man.  Attention. Coscores when laying cables, as the IP production class can be endangered by excessive bending forces.  Attention. Condition temperature man.  Attention. Condition temperature man.  Attention. Condition temperature man.  Attention. Condition temperature man.  Attention.		
Mechanical data   Material data         Zinc die-casting           Coating of litting         nickel plated           Coating of litting         Nickeled           Material paskel         FKM           Material gaskel         FKM           Mactrial data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climatic         Coperating temperature max           Operating temperature max         85 °C           Additional condition temperature max         85 °C           Additional condition temperature max         85 °C           Note on bending radius         Attention: Observe the permissible bonding radii when laying cables, as the IP protection class can be endanged by scenesive bending forces.           Note on bending radius         Attention: Observe the permissible bonding radii when laying cables, as, the IP protection class can be endanged by scenesive bending forces.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.           Controlity         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lites.           Cable of the protection of the permissible bonding radii when laying cables, as the IP protection class can be endanged by excessive bending broads.           Cable identification         213           Cable identification         213		
Material series connection Zinc die casting  cloating of fifting nickel plated  Coating of fifting nickel plated  Coating locking Material gasket FM  FM  Mechanical data   Mounting data    Mounting method inserted, screwed, Shaking protection   Environmental characteristis   Climate  Coperating temperature min.		'
Coating of fitting reinkel plated   Zinc die casting   Zinc die casting   Xinc die castin	•	
Locking material         Zinc die casting           Coating toking         Nickeled           Macerial gasket         FKM           Mechanical data   Mounting data         Inserted, screwed, Shaking protection           Environmental characteristics   Climate         Coperating 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 sharin releal         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)           Installation   Cable         Cable identification         213           Cable identification         213         Amount stranding         1           Mire arrangement         brown, black, blue         Amount stranding         1           Wire arrangement         brown, black, blue         Amount wires         3           Outer diameter insulation         PVC         Amount wires         3           Outer diameter forleance one insulation         55 mm         Material properties wire insulation         60 mm <td></td> <td><del>-</del></td>		<del>-</del>
Coating locking         Nickeled           Material gasket         FKM           Mounting method         inserted, screwed, Shaking protection           Environmental characteristics   Climatic           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 banding radius         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)           Installation   Cable         Cable identification         213           Cable identification         213         214           Cable identification         215         215           Cable identification         31 yill immediate insulation         41 yill immediate insulation           Wires         31 yill immediate insulation         42 yill immediate insulation           Cable weighth         31 yill immediate insulati		·
Mechanical data   Mounting data  Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climate  Operating temperature min30 °C  Operating temperature max85 °C  Additional condition temperature ray46 difficult on condition temperature max85 °C  Note on bending radius -4 certification notes  Inportant installation notes  Note on bending radius -7 certification notes  Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Conormity  Product standard -7 certification -7 certification   213  Cable Type -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1		
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic   Departing temperature min.   30° C Operating temperature may.   85° C Additional condition temperature range   depending on cable quality   Important installation notes  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.  Note on strain relief   DIN EN 61076-2-101 (M12)   Installation   Cable   Cable identification   213   Cable identification   213   Cable identification   1   Stranding   Wires arrangement   brown, black, blue   Cable weigh   34.1 g/m   Material wire insulation   PVC   Amount strainger insulation   1.25 mm   Cuter diameter tolerance core insulation   2.05 mm   Shore hardness wire insulation   2.05 mm   Material protects wire insulation   2.05 mm   Material protects wire insulation   CFC-free, cadmium-free, silicone-free, lead-free   Amount strands (wire)   34 mm   Material conductor wire   5 mm   Conducted canding wire insulation   CFC-free, cadmium-free, silicone-free, lead-free   Amount strands (wire)   5 mm   Conducted canding (wire)   5 mm   Conducted canding wire insulation   CFC-free, cadmium-free, silicone-free, lead-free   Amount strands (wire)   5 mm   Conducted canding (wire)   5 mm   Conducted canding (wire)   5 mm   Conducted canding (wire)   6 mm   Conducted (wire)   6 mm   Condu		
Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic Operating temperature min.	Material gasket	FKM
Environmental characteristics   Climatic Operating temperature min.	Mechanical data   Mounting data	
Operating temperature max.         30 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Value on brading radius           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Frode the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Image: Conformity of the usage of cable ties.           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         213           Cable installation   Cable         213           Cable installation   Cable         214           Stranding         Wires           Wires         1           Manual trianding         1           View arrangement         Drown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Material strained insulation         1.25 mm           Outer diameter insulation         2.05 mm	Mounting method	inserted, screwed, Shaking protection
Operating temperature max.         30 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Value on brading radius           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.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Frode the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Conformity         Image: Conformity of the usage of cable ties.           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable         213           Cable installation   Cable         213           Cable installation   Cable         214           Stranding         Wires           Wires         1           Manual trianding         1           View arrangement         Drown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Material strained insulation         1.25 mm           Outer diameter insulation         2.05 mm	Environmental characteristics   Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality  Important installation notes  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.  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)  Installation   Cable  Cable identification 213  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue  Cable weigh 34.1 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter insulation 45  Material properties wire insulation good machinability  Ingredient freeness wire insulation good machinability  Ingredient freeness wire insulation OCFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) Strand class 5  Outer-diameter (sheath) ± 5 %  Material jacket PVC  Outer-diameter (sheath) £ 5 %  Material jacket PVC  Free cadmium-free, silicone-free, lead-free  Freedom from ingredients (sjacket) CFC-free, cadmium-free, silicone-free, lead-free	·	-30 °C
Additional condition temperature range depending on cable quality  Important installation notes  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.  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)  Installation   Cable  Cable identification 213  Amount stranding 1  Amount stranding 1  Stranding Wires  Wires  Wires  Wires  Anount wire insulation PVC  Amount wires 3  Outer diameter insulation PVC  Amount wires 3  Outer diameter tolerance core insulation 45  Material properties wire insulation good machinability ingredient freeness wire insulation good machinability ingredient freeness wire insulation (PC-free, cadmium-free, silicone-free, lead-free)  Amount strands (wire) 19  Diameter of single wires (Stranded copper wire, bare Conductor type (wire) Strand class 5  Outer diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) ± 5 %  Material picket (Street, cadmium-free, silicone-free, lead-free)  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	' ' '	
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)           Installation   Cable         Cable identification         213           Cable Type         1         1           Amount stranding         1         1           Stranding         Wires         1           Wire arrangement         brown, black, blue         2           Cable weight         34.1 g/m           Material wire insulation         PVC           Amount wires         3         3           Outer diameter tolerance core insulation         ± 0.05 mm           Shore hardness wire insulation         ± 0.05 mm           Shore hardness wire insulation         GFC-free, cadmium-free, sliicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material properties wire insulation         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare		
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)  Installation   Cable  Cable identification 213  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue  Cable weight 34.1 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter loterance core insulation 45  Shore hardness wire insulation 57  Afficency wire experies wire insulation 57  Afficency wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire 57  Conductor wire (wire) 57  Strand class 5  Outer-diameter (jacket) 4.6 mm  Tolerance outer diameter (sheath) ± 5 %  Material proteines (jacket) CFC-free, cadmium-free, silicone-free, lead-free  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free		depending on cable quality
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)  Installation   Cable  Cable identification 213  Cable Type 1  Amount stranding 1  Stranding Wires  Wire arrangement brown, black, blue  Cable weigth 34.1 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 45  Anord swire insulation 45  Anord swire insulation 45  Anord swire insulation 55  CFC-free, cadmium-free, silicone-free, lead-free  Conductor wire 51  Canductor (wire) 51  Canductor (wire) 51  Canductor (wire) 51  Canductor (piece) 51  Canducto	Important installation notes	
Conformity           Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         213           Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter tolerance core insulation         1.25 mm           Outer diameter tolerance core insulation         45           Material properties wire insulation         900 machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Conductor type (wire)         Stranded copper wire, bare           Conductor diameter (facket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         KPC	Note on bending radius	
Product standard         DIN EN 61076-2-101 (M12)           Installation   Cable           Cable identification         213           Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         45           Material properties wire insulation         45           Material properties wire insulation         GFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Strand class 5           Outer-cliameter (jacket)         4.6 mm           Tolerance outer (aiemeter (sheath)         ± 5 %           Material jacket         PVC           Shore hardness jacket         85           Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-free, lead-free	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification 213 Cable Type 1 Amount stranding 1 Stranding Wires Wire arrangement brown, black, blue Cable weight 34.1 g/m Material wire insulation PVC Amount wires 3 Outer diameter tolerance core insulation 45 Material wire insulation 45 Amount strands (wire) 19 Diameter of single wires Onductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Outer-diameter (jacket) PVC  Material properties (jacket) CFC-free, cadmium-free, silicone-free, lead-free  Material properties wire insulation 5 Stranded copper wire, bare Conductor wire 5 Conductor wire 5 Conductor wire 6 Conductor wire 7 Conductor wire 6 Conductor wire 6 Conductor wire 7 Conductor wire 6 Conductor wire 7 Conductor wire 8 Condu	Conformity	
Cable Identification         213           Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm           Shore hardness wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         CF-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 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	Product standard	DIN EN 61076-2-101 (M12)
Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm           Shore hardness wire insulation         45           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         PVC           Shore hardness jacket         65           Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-free, lead-free	Installation   Cable	
Cable Type         1           Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm           Shore hardness wire insulation         45           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 mm           Tolerance outer diameter (sheath)         ± 5 %           Material jacket         PVC           Shore hardness jacket         65           Freedom from ingredients (jacket)         CFC-free, cadmium-free, silicone-free, lead-free	Cable identification	213
Amount stranding         1           Stranding         Wires           Wire arrangement         brown, black, blue           Cable weight         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         \$0.05 mm           Shore hardness wire insulation         45           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Stranded capper wire, bare           Conductor type (wire)         Stranded class 5           Outer-diameter (jacket)         4.6 mm           Tolerance outer diameter (sheath)         4.5 %           Material jacket         PVC           Shore hardness jacket         PVC           Shore hardness jacket         CFC-free, cadmium-free, silicone-free, lead-free		
Stranding         Wires           Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm           Shore hardness wire insulation         45           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Strand class 5           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 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		
Wire arrangement         brown, black, blue           Cable weigth         34.1 g/m           Material wire insulation         PVC           Amount wires         3           Outer diameter insulation         1.25 mm           Outer diameter tolerance core insulation         ± 0.05 mm           Shore hardness wire insulation         45           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         CFC-free, cadmium-free, silicone-free, lead-free           Amount strands (wire)         19           Diameter of single wires         0.15 mm           Conductor crosssection (wire)         0.34 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Outer-diameter (jacket)         4.6 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		
Cable weight 34.1 g/m  Material wire insulation PVC  Amount wires 3  Outer diameter insulation 1.25 mm  Outer diameter tolerance core insulation ± 0.05 mm  Shore hardness wire insulation 45  Material properties wire insulation good machinability  Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19  Diameter of single wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (jacket) 4.6 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		
Material wire insulation       PVC         Amount wires       3         Outer diameter insulation       1.25 mm         Outer diameter tolerance core insulation       ± 0.05 mm         Shore hardness wire insulation       45         Material properties wire insulation       good machinability         Ingredient freeness wire insulation       CFC-free, cadmium-free, silicone-free, lead-free         Amount strands (wire)       19         Diameter of single wires       0.15 mm         Conductor crosssection (wire)       0.34 mm²         Material conductor wire       Stranded copper wire, bare         Conductor type (wire)       Strand class 5         Outer-diameter (jacket)       4.6 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	-	
Amount wires 3 Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 45 Material properties wire insulation good machinability Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Outer-diameter (jacket) 4.6 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		
Outer diameter insulation 1.25 mm Outer diameter tolerance core insulation ± 0.05 mm Shore hardness wire insulation 45 Material properties wire insulation good machinability Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Outer-diameter (jacket) 4.6 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		
Outer diameter tolerance core insulation ± 0.05 mm  Shore hardness wire insulation 45  Material properties wire insulation good machinability  Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19  Diameter of single wires 0.15 mm  Conductor crosssection (wire) 0.34 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (jacket) 4.6 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		
Shore hardness wire insulation good machinability Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Outer-diameter (jacket) 4.6 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		
Material properties wire insulation good machinability Ingredient freeness wire insulation CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire) 19 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Strand class 5 Outer-diameter (jacket) 4.6 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		
Ingredient freeness wire insulation  CFC-free, cadmium-free, silicone-free, lead-free  Amount strands (wire)  19  Diameter of single wires  0.15 mm  Conductor crosssection (wire)  0.34 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 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		
Diameter of single wires  O.15 mm  Conductor crosssection (wire)  O.34 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 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	Ingredient freeness wire insulation	
Diameter of single wires  O.15 mm  Conductor crosssection (wire)  O.34 mm²  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 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	Amount strands (wire)	19
Conductor crosssection (wire)  Material conductor wire  Stranded copper wire, bare  Conductor type (wire)  Strand class 5  Outer-diameter (jacket)  4.6 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	Diameter of single wires	0.15 mm
Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Outer-diameter (jacket) 4.6 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)	0.34 mm <sup>2</sup>
Conductor type (wire) Strand class 5  Outer-diameter (jacket) 4.6 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	Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)  7 olerance outer diameter (sheath)  At 5 %  Material jacket  PVC  Shore hardness jacket  85  Freedom from ingredients (jacket)  CFC-free, cadmium-free, silicone-free, lead-free	Conductor type (wire)	••
Tolerance outer diameter (sheath) ± 5 %  Material jacket PVC  Shore hardness jacket 85  Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Outer-diameter (jacket)	4.6 mm
Material jacket PVC Shore hardness jacket 85 Freedom from ingredients (jacket) CFC-free, cadmium-free, silicone-free, lead-free	Tolerance outer diameter (sheath)	
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		
	Material property (jacket)	good machinability



Conductor resistance (wire)	57 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	6 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