

## MSUD double valve A-18mm with cable

PVC 4x0.75 bk 5m

Art.No.: 7000-58021-6170500

Weight: 0.42

Country of origin: CZ

Model designation: MSKL3-616\_150-KL3-617\_5.0

Form A (18 mm) 24 V AC ±20% / DC ±25% LED and suppression Connection cable L = 150 mm Further cable lengths on request.

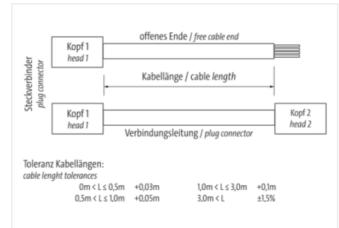
Plastic housings with good resistance against chemicals and oils.

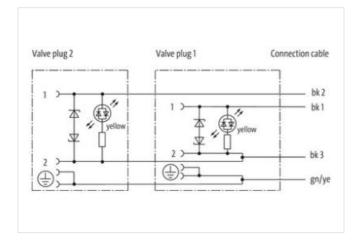
The resistance to aggressive media should be individually tested for your application. Further details on request.

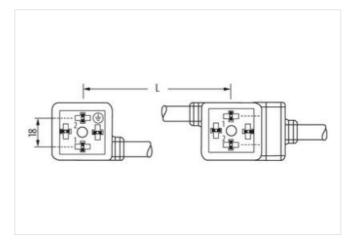
## **Link to Product**

## Illustration



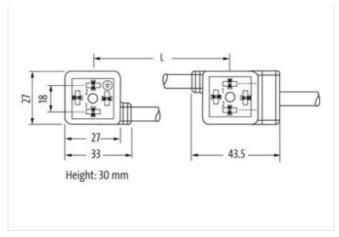








stay connected



Product may differ from Image



Cable length	5 m	
Side 1		
Tightening torque	0,4 Nm	
Thread	M3	
Side 2		
Tightening torque	0,4 Nm	
Thread	M3	
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	
customs tariff number	85444290	
EAN	4048879137362	
EAN	4048879137362	
Packaging unit	1	
Packaging unit	1	
Electrical data		
Drop-out delay time max.	20 ms	
Electrical data   Supply		
Operating voltage AC	24 V	
Operating voltage AC min.	19,2 V	
Operating voltage AC max.	28,8 V	
Operating voltage DC	24 V	
Operating voltage DC min.	18 V	
Operating voltage DC max.	30 V	

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: 2025-07-14



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Device protection   Electrical  Degree of protection (EN IEC 60529) IP67  Additional condition protection degree inserted, screwed  Rated surge voltage 0,8 kV  Mechanical data   Material data  Material housing Plastic  Color housing Plastic  Color housing black  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min25 °C  Operating temperature max. 85 °C	Cut-off peak voltage max.	55 V
Degree of protection (EN IEC 60529)	Current operating per contact max.	4 A
Degree of protection (EN IEC 60529)	Device protection   Electrical	
Additional condition protection degree factor surpressivation  Mechanical data   Minerial data		IP67
Rated surge veilage 0,8 kV  Mechanical data   Material data   Material data   Material data   Material pate   Pasalic   Color housing black  Mechanical data   Mounting data   Mounting data   Mounting method inserted, screwed   Environmental characteristics   Climatic   Operating temperature min.		
Moderal data   Motorial data         Material housing         Plastic           Color housing         black           Mochanical data   Mounting data         Mochanical data   Mounting data           Mounting method         inserted, serewed           Environmental characteristics   Climatoic         Coperating temperature min.         -25 °C           Operating temperature max.         45 °C           Additional condition temperature max.         45 °C           Additional condition temperature max.         45 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.           Note on bending radius         Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation (Cable         Immediate the protection protection of the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Cable identification         617           Cable identification (Cable)         4 black 2, black 3, green-yellow           Cable identification (Cable identification)         4 black           Straining         1 black 1, black 2, black 3, green-yellow <tr< td=""><td></td><td>·</td></tr<>		·
Material housing Plastic Color housing black  Mounting method inserted, screwed  Environmental characteristics   Climatic Coperating temperature min. 25 °C Operating temperature min. 25 °C Operating temperature max. 85 °C Additional condition temperature max 95 °C Mounting method Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endanged by excessive bending forces.  Installation   Cable  wire arrangement black 1, black 2, black 3, green-yellow Cable identification of the protection of		
Color housing black  Mechanical data   Mounting data  Mounting method inserted, screwed  Environmental characteristics   Climatic  Operating temperature min. 25 °C  Operating temperature min. 25 °C  Operating temperature max. 85 °C  Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  wire arrangement black 1, black 2, black 3, green-yellow  Cable identification 617  Cable identification 917  Printing color of wire insulation white (isolation black)  Jacket Color black  Amount stranding 1  Stranding 4 wires swisted  Wire arrangement black 1, black 2, black 3, green-yellow  Cable weight 77,66 gm  Material packet PVC  Shore hardness jacket PVC  Amount wire insulation PVC  Amount wire insulation 1,3 mm  Outer diameter (inclest) 5,5 mm  Cuter diameter (inclest) 1,5 mm  Outer diameter insulation 1,3 mm  Outer diameter insulation 1,5 mm  Outer diameter of single wires 0,2 mm  Outer diameter of single wires 0,2 mm  Outer diameter of single wires 0,2 mm  Outer of s	·	
Mechanical data   Mounting data         Mounting method         inserted, screwed           Environmental characteristics   Climatic         Coperating temperature min.         25 °C           Operating temperature max.         85 °C           Additional coordition temperature max.         85 °C           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable item.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces.           Installation   Cable         Attention: Observe the permissible bending forces.           Installation   Cable         Attention: Observe the permissible bending forces.           Installation   Cable         Installation: Observe the permissible bending forces.           Installation   Cable         Installation: Observe the permissible bending forces.           Installation   Cable         Installation: Observe the permissible bending forces.           Installation: Installation: Observe insulation   Silver Installa		
Mounting method         inserted, screwed           Environmental Characteristics   Climatics         Comparating temperature max.         25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important Installation notes         Comparating temperature range         depending on cable quality           Important installation notes         Aftention: Character the permissible benefiting radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation Cable         Aftention: Character the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation Cable         Aftention: Character the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation Cable         Aftention: Character the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation Cable         Aftention: Character the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation Cable         Aftention: Character the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation Cable         After the cable of the permissible bending radii when laying cables, as the I	Color housing	black
Environmental characteristics   Climatic Operating temperature min.  25 °C Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Note on strain relief Note on bending radius Attentions: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable  Wire arrangement   black 1, black 2, black 3, green-yellow Cable identification   017 Cable Type   1 Triffring color of wire insulation   white (sociation black) Jackel Color Amount stranding   1 Stranding   4 wires twisted Wire arrangement   black 1, black 2, black 3, green-yellow Cable identification   77,66 g/m  Amount stranding   1 Stranding   4 wires twisted Wire arrangement   black 1, black 2, black 3, green-yellow Cable weight   77,66 g/m  Material jacket   PVC Shore hardness jacket   80 ± 5 Shore A Freedom from ingredients (jacket)   6,5 mm  Tolerance outer charmeter (jacket)   6,5 mm  Tolerance outer charmeter (jacket)   9,5 mm  Material wire insulation   PVC  Amount wires   4  Outer diameter (betanth)   4 ± 5 Shore D  Material wire insulation   900 machinability   Impredient freeness wire insulation   4 ± 5 Shore D  Material properties wire insulation   4 ± 5 Shore D  Material properties wire insulation   4 ± 5 Shore D  Material properties wire insulation   white (sociation black)   Impredient freeness wire insulation   4 ± 5 Shore D  Material properties wire insulation   4 ± 5 Shore D  Material properties wire insulation   4 ± 6 Shore D  Material properties wire insulation   4 ± 6 Shore D  Material properties wire insulation   4 ± 6 Shore D  Material properties wire insulation   4 ± 6 Shore D  Material properties wire insulation   4 ± 6 Shore D  Material properties wire insulation   4 ± 6 Shore D  Material properties wire insulation   5 × 6 Shore D  Material properties wire insulation   5 × 6 Shore D  Material properties wire insulation   5 × 6 Shore D  Material properties wire insulation   5 × 6 Shore	Mechanical data   Mounting data	
Operating temperature min. 45 °C Operating temperature max. 85 °C Operating temperature max. 85 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality 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  wive arrangement Back 1, black 2, black 3, green-yellow Gable identification 617 Cable Type 1 Tenting color of wire insulation white (solation black) Jacks 1 Color black Amount stranding 1 Stranding 4 wires twisted Wire arrangement Back 1, black 2, black 3, green-yellow Cable weight 77,66 gm Material jacket PVC Shore hardness jacket 9 PVC Shore hardness jacket 80 8 1 \$ Shore A Freedom from ingrudients (jacket) 6,5 mm Colorer-diameter (jacket) 1,5 mm Colorer-diameter (jacket) 4 Outer-diameter (jacket) 1,8 mm Outer diameter insulation 1,8 mm Outer diameter insulation 9 PVC Amount wires 4 Outer diameter insulation 1,8 mm Outer diameter relieation 43 1 5 Shore D Material properties wire insulation 9 pool machinability Impedient freeness wire insulation 9 pool machinability Impedient freeness wire insulation 9 pool machinability Impedient freeness wire insulation 9 pool machinability Impedient relienses wire insulation 9 pool ma	Mounting method	inserted, screwed
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Altention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    wire arrangement   black 1, black 2, black 3, green-yellow   Cable identification   617   Cable identification   618   Cable identification   619   Cable identification   610	Environmental characteristics   Climatic	
Additional condition temperature range depending on cable quality  Important installation notes  Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    I	Operating temperature min.	-25 °C
Important installation notes         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           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         Image: Cable identification         6187           Cable identification         6187         Gable identification           Cable Type         1         Printing color of wire insulation         white (solation black)           Jacked Color         black         Amount stranding         1           Stranding         4 wires twisted           Stranding         4 wires twisted           Stranding         4 wires twisted           Cable weight         77.66 g/m           Material jacket         PVC           Freedom from ingredients (jacket)         lead free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6.5 mm           Tolerance outer diameter (shelt)         1.8 mm           Quiter diameter insulation         1.8 mm           Outer diameter insulation         43 ± 5 Shore D           Material properties wire insulation	Operating temperature max.	85 °C
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    wire arrangement   black 1, black 2, black 3, green-yellow   Cable identification   617   Cable identification   617   Cable Type   1   Printing color of wire insulation   white (isolation black)   Jacket Color   black   Amount stranding   1   Stranding   4 wires twisted   Wire arrangement   black 1, black 2, black 3, green-yellow   Cable wight   77,66 g/m   Material jacket   PVC   Shore hardness jacket   80 ± 5 Shore A   Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket)   5 %   Material wire insulation   PVC   Material wire insulation   1.8 mm   Outer diameter insulation   4 ± 5 %   Shore hardness wire insulation   4 ± 5 Shore D   Material properties wire insulation   good machinability   Ingredient freeness wire insulation   white (isolation black)   James of the reness wire insulation   year measures wire insulation	Additional condition temperature range	depending on cable quality
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.  Installation   Cable    wire arrangement   black 1, black 2, black 3, green-yellow   Cable identification   617   Cable identification   617   Cable Type   1   Printing color of wire insulation   white (isolation black)   Jacket Color   black   Amount stranding   1   Stranding   4 wires twisted   Wire arrangement   black 1, black 2, black 3, green-yellow   Cable wight   77,66 g/m   Material jacket   PVC   Shore hardness jacket   80 ± 5 Shore A   Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, silicone-free   Outer-diameter (jacket)   5 %   Material wire insulation   PVC   Material wire insulation   1.8 mm   Outer diameter insulation   4 ± 5 %   Shore hardness wire insulation   4 ± 5 Shore D   Material properties wire insulation   good machinability   Ingredient freeness wire insulation   white (isolation black)   James of the reness wire insulation   year measures wire insulation	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.           Installation   Cable           wire arrangement         black 1, black 2, black 3, green-yellow           Cable indentification         617           Cable Type         1           Printing color of wire insulation         whate (isolation black)           Jacket Color         black           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weight         77,66 g/m           Material jacket         PVC           Shore hardness jacket         80 S Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         5.5 mm           Tolerance outer diameter (sheath)         2.5 %           Material wire insulation         1.8 mm           Outer diameter insulation         1.9 mm           Outer diameter insulation         4.3 ± 5 Shore D           Material proprietes wire insulation         4.5 5 Shore D           Material properties wire insulation         pool and the capacity in the capacity in the capacity (standard)	•	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties
Installation   Cable           wire arrangement         black 1, black 2, black 3, green-yellow           Cable Type         1           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weight         77,66 g/m           Material jacket         PVC           Shore hardness jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         1,8 mm           Outer diameter blerance core insulation         ± 5 %           Material properties wire insulation         ± 3 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         ± 5 Shore D           Material properties wire insulation         pood machinability           Ingredient freeness wire insulation         pood machinability           Ingredient freeness wire insulation         pood machinability		Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
wire arrangement         black 1, black 2, black 3, green-yellow           Cable identification         617           Cable Type         1           Printing color of wire insulation         white (solation black)           Jacket Color         black           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weigh         77,66 g/m           Material jacket         PVC           Shore hardness jacket         PVC           Shore Andreass jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,8 mm           Outer diameter (blearance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         white (solation black)           Amount strands (wire)         2	Installation   Cable	
Cable Identification         617           Cable Type         1           Printing color of wire insulation         white (isolation black)           Jacket Color         black           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weight         77.66 g/m           Material jacket         PVC           Shore hardness jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6.5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Shore hardness wire insulation         ± 5 %           Material properties wire insulation         ± 5 %           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         white (isolation black)           Amount strands (wire)         24 <td>·</td> <td>hlack 1 hlack 2 hlack 3 green-veillow</td>	·	hlack 1 hlack 2 hlack 3 green-veillow
Cable Type         1           Printing color of wire insulation         white (solation black)           Jacket Color         black           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weight         77,66 g/m           Material jacket         PVC           Shore hardness jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,8 mm           Outer diameter solutance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         white (isolation black)           Annount strands (wire)         24           Diameter of single wires         0,2 mm           Conductor crossection (wire)         0,75 mm²           Material conductor wire         Stranded coppe		
Printing color of wire insulation         white (isolation black)           Jacket Color         black           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weigth         77.66 g/m           Material jacket         PVC           Shore hardness jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter tolerance core insulation         ± 5 mm           Outer diameter insulation         4.8 mm           Outer diameter insulation         4.8 mm           Outer diameter insulation         1.8 mm           Outer diameter insulation         43 ± 5 Shore D           Material properties wire insulation         43 ± 5 Shore D           Material properties wire insulation         white (isolation black)           Amount strands (wire)         24           Diameter of single wires         0,2 mm           Orductor tyree (wire)         Stran		
Jacket Color         black           Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weight         77,66 g/m           Material jacket         PVC           Shore hardness jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,5 mm           Outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter tolerance core insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         24           Diameter of single wires         0,2 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare	•	
Amount stranding         1           Stranding         4 wires twisted           wire arrangement         black 1, black 2, black 3, green-yellow           Cable weight         77,66 g/m           Material jacket         PVC           Shore hardness jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         lead-free, cadmium-free, CFC-free, silicone-free           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         24           Diameter of single wires         0,2 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5		· · · · · · · · · · · · · · · · · · ·
Stranding 4 wires twisted wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 77,66 g/m Material jacket PVC Shore hardness jacket 80 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 6,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 4 Outer diameter tolerance core insulation 1,8 mm Outer diameter tolerance core insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Max. rated voltage (conductor - conductor) 500 V Max. rated voltage (conductor - ground) 300 V Current load capacity win. wire 9,6 A		
wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 77,66 g/m Material jacket PVC Shore hardness jacket 80±5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 6,5 mm Tolerance outer diameter (sheath) ±5 % Material wire insulation PVC Amount wires  4 Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ±5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) 500 V  Max. rated voltage (conductor - ground) 300 V  Current load capacity win. wire 9,6 A		
Cable weight         77,66 g/m           Material jacket         PVC           Shore hardness jacket         80 ± 5 Shore A           Freedom from ingredients (jacket)         lead-free, cadmium-free, CFC-free, silicone-free           Outer-diameter (jacket)         6,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         good machinability           Ingredient freeness wire insulation         white (isolation black)           Amount strands (wire)         24           Diameter of single wires         0,2 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Max. rated voltage (conductor - conductor)         500 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN		
Material jacket PVC  Shore hardness jacket 80 ± 5 Shore A  Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 6.5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1.8 mm  Outer diameter insulation 43 ± 5 %  Shore hardness wire insulation 43 ± 5 %  Material properties wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Printing color of wire insulation white (isolation black)  Amount strands (wire) 24  Diameter of single wires 0,2 mm  Conductor crosssection (wire) 0,75 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Max. rated voltage (conductor - conductor) 500 V  Max. rated voltage (conductor - ground) 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 9,6 A		
Shore hardness jacket 80 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 6,5 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires  Outer diameter insulation 1,8 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 43 ± 5 Shore D Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 24 Diameter of single wires 0,2 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) Stranded copper wire, bare Conductor type (wire) Stranded capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9,6 A		<del>-</del>
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free  Outer-diameter (jacket) 6,5 mm  Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Printing color of wire insulation white (isolation black)  Amount strands (wire) 24  Diameter of single wires 0,2 mm  Conductor crosssection (wire) 0,75 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Stranded capper wire, bare  Conductor type (wire) Strand class 5  Max. rated voltage (conductor - ground) 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 9,6 A		
Outer-diameter (jacket)         6,5 mm           Tolerance outer diameter (sheath)         ± 5 %           Material wire insulation         PVC           Amount wires         4           Outer diameter insulation         1,8 mm           Outer diameter tolerance core insulation         ± 5 %           Shore hardness wire insulation         43 ± 5 Shore D           Material properties wire insulation         good machinability           Ingredient freeness wire insulation         white (isolation black)           Printing color of wire insulation         white (isolation black)           Amount strands (wire)         24           Diameter of single wires         0,2 mm           Conductor crosssection (wire)         0,75 mm²           Material conductor wire         Stranded copper wire, bare           Conductor type (wire)         Strand class 5           Max. rated voltage (conductor - conductor)         500 V           Max. rated voltage (conductor - ground)         300 V           Current load capacity (standard)         to DIN VDE 0298-4           Current load capacity min. wire         9,6 A	*	
Tolerance outer diameter (sheath) ± 5 %  Material wire insulation PVC  Amount wires 4  Outer diameter insulation 1,8 mm  Outer diameter tolerance core insulation ± 5 %  Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Printing color of wire insulation white (isolation black)  Amount strands (wire) 24  Diameter of single wires 0,2 mm  Conductor crosssection (wire) 0,75 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Max. rated voltage (conductor - conductor) 500 V  Max. rated voltage (conductor - ground) 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 9,6 A		
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Shore hardness wire insulation 43 ± 5 Shore D  Material properties wire insulation good machinability  Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free  Printing color of wire insulation white (isolation black)  Amount strands (wire) 24  Diameter of single wires 0,2 mm  Conductor crosssection (wire) 0,75 mm²  Material conductor wire Stranded copper wire, bare  Conductor type (wire) Strand class 5  Max. rated voltage (conductor - conductor) 500 V  Max. rated voltage (conductor - ground) 300 V  Current load capacity (standard) to DIN VDE 0298-4  Current load capacity min. wire 9,6 A		<u> </u>
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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: 2025-07-14



AC withstand voltage (wire - wire)	3 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	3 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
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