

Valve plug MDC06-4s/MSUD dbl. valve A-18mm Xtreme

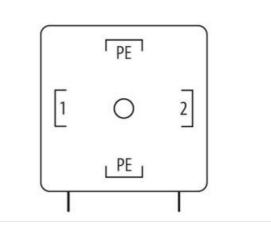
PUR 4x0.75 bk UL/CSA+drag ch. 5m

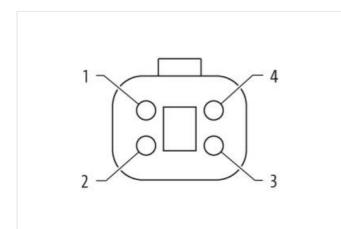
Xtreme - Outdoor Further cable lengths on request. Male straight 6...230 V AC/DC without components Compatible with: Deutsch DT06-4S Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details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

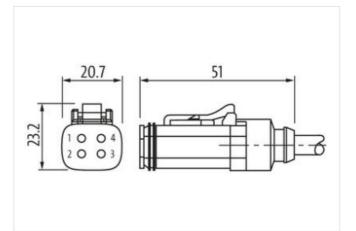
Link to Product

Illustration









Product may differ from Image

Cable length	5 m	
Side 1		
Mounting method	inserted	
Coating contact	nickel plated	
Family construction form	MDC	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-23

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Material contact	Copper alloy	
No. of poles	4	
Side 2		
Stripping length (jacket)	40 mm	
Mounting method	inserted	
Material contact	Copper alloy	
Commercial data		
ECLASS-6.0	27279218	
ECLASS-6.1	27279218	
ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-9.0	27060312	
ECLASS-10.1	27060312	
ECLASS-11.1	27060312	
ECLASS-12.0	27060312	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4065909088432	
Packaging unit	1	
Electrical data Supply		
Operating voltage AC min.	6 V	
Operating voltage AC max.	230 V	
Operating voltage DC min.	6 V	
Operating voltage DC max.	230 V	
Current operating per contact max.	8 A	
Diagnostics		
Status indication LED	no	
Installation Connection	•	
Stripping length (jacket)	40 mm	
Family construction form	Amphenol AT06-4S	
Device protection Electrical		
Degree of protection (EN IEC 60529)	IP68	
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	2,5 kV	
Material group (IEC 60664-1)		
Additional suppressor	without components	
Mechanical data Material data		
· · ·		
Material gasket	Silicon	
Material housing	PA	
Mechanical data Mounting data		
Looking techniques	Snap-in connector	
Environmental characteristics Climatic		
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.	
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		
mation in this Product-PDF has been compiled with th	e utmost care.	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-23

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk



Cable Sterillostion 617 Cable Type 3 Parting color of wire insulation white (isolation block) Jackie Cloter block Type of Carfifces cLFus Annount stranding 1 Stranding 1 Stranding 4 wires twisted wire strangement black 1, black 3, green-yellow Cable weight 89,3 grin Material jacket PUR Stranding calcel 90 5 5 Shore A Freedom trun ingredistris (jacket) 8.5 mm Clared market (gacket) 8.5 mm Clared market regulation 9P Amount virisis 4 Cuber dimeter insulation 1.5 Sim Cuber dimeter insulation 1.5 Sim Cuber dimeter insulation 1.5 Sim Cuber dimeter insulation 1.6 Sim Cuber dimeter insulation 1.7 Sim </th <th>wire arrangement</th> <th>black 1, black 2, black 3, green-yellow</th>	wire arrangement	black 1, black 2, black 3, green-yellow
Printing Con of wire insulation white (solation black) Jackut Color black Type of Certificate cURus Annount Stranding 1 Stranding 4 wire Invited Wire Arrangement black 1, black 2, black 3, green-yellow Cable weight 69.3 g/m Material jacket PUR Stroe Indendees jackel 90.15 Stroe A Freedon from ingendeents jackel 90.15 Stroe A Freedon from ingendeents jackel 85.5 mm Tolerance outer diameter (sheath) 6.5 mm Tolerance outer diameter (sheath) 1.5 Stroe A Stroe hardness wire insulation 70.2 5 Stroe D Ingredient framess wire insulation 1.5 Strom D Cuter diameter insulation 1.6 Strom D Ingredient framess wire insulation 70.2 5 Stroe D Ingredient framess wire insulation 70.2 5 Stroe P Norunt stronds (wire) 4 Conductor crossescino (wire) 0.25 mm? Material conductor wire Strom P Norunt stronds A Gras, Constant wire, Back 80.0 V Current load capapity finstr	Cable identification	637
Jacket Colorr black Type of Certificate cURus Amount stranding 1 Stranding 4 wires kvistud Wires arrangement black 1, black 2, black 8, green-yellow Cable weight 69.3 g/m Material jacket PUR Shore hardbases jacket 90.5 S Shore A Freedom from ingradents (glackut) lead-too, cudmiun-free, CFC-free, halogen-free, silicone-free Outer-dimenser (glackut) 1.63 rm Tolerance outer diameter (sheath) ± 5 %. Material wre insulation 1.95 rm Outer diameter house insulation 1.05 rm Tolerance outer insulation 1.05 rm Unter diameter insulation 1.05 rm Finneg Ocior dwire insulation 1.05 rm Finneg Ocior dwire insulation 1.05 rm Conductor torsection (wire) 0.15 rm Conductor torsection (wire) 0.15 rm Conductor torsection (wire) 0.25 R/W @ 00 s Contract diagenchy rm. wire 8.0 km @ 0.7 G Current dia capacity (slandard) 10 DIN VDE 0284-4 Current dacapacity (slandard) <td>Cable Type</td> <td>3</td>	Cable Type	3
Type of Certificatie cUPlus Amount stranding 1 Stranding 4 wires Nvisted Wrie arrangement black 1, black 2, black 3, green-yellow Cable weight 69,3 g/m Material jacket PUR Shore hardness jacket 90,5 Shore A Freedon from ingedents (jacket) 6,5 mm Toterance outer diameter (lacket) 6,5 mm Toterance outer diameter (lacket) 6,5 mm Outer diameter insulation PP Amount wires 4 Outer diameter insulation 1,8 5 mn Outer diameter insulation 70,6 5 Shore D Finengo outri on greater insulation 70,6 5 Shore D Finengo outri of wire insulation 70,6 5 Shore D Finengo outri of wire insulation 70,6 5 Shore D Finengo outri of wire insulation 70,6 5 Shore D Finengo outri of wire insulation 42 Diameter of single wires 0,15 mm Conductor russection (wire) 57 mm² Material conductor trype (wire) strand class 6 Nominal Voltage AC max. 300 V	Printing color of wire insulation	white (isolation black)
Amount standing 1 Strainfing 4 wires twisked wires arrangement black 1, black 2, black 3, green-yellow Cable weight 69.3 g/m Material jacket PUR Shore hardness jacket 90.1 5 Shore A Freedom from ingredients jacket 90.1 5 Shore A Tolerance outer diameter (sheath) 2 5 % Material jacket 90.1 5 Shore A Tolerance outer diameter (sheath) 2 5 % Material jacket 9.9 * Amount wires 4 Outer diameter frequence or insulation 1.8 mm Outer diameter insulation 1.9 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation wah free, codmium-free, CFC-free, halogen-free, silicone-free Printing color divine insulation wah free, codmium-free, CFC-free, halogen-free, silicone-free Conductor ressaction (wire) 0.75 mm? Conductor ressaction (wire) 0.75 mm? Conductor wire Stranded copper wire, bare Conductor wire Stranded copper	Jacket Color	black
Stranding 4 wires twisted wire arrangement black 1, black 2, black 3, green-yellow Cable weigh 69.3 g/m Material jacket PUR Shore hardness jacket 90.1 5 Shore A Freedom from impredients (jacket) lead-tree, cadmium-free, CPC-free, halogen-free, silicone-free Outer-diameter (jacket) 6.5 mm Order accounter diameter (sheath) 1.5 % Material wire insulation PP Amount Writes 4 Outer diameter insulation 1.85 mm Outer diameter insulation 1.85 mm Outer diameter insulation 1.5 %. Shore hardness wire insulation 1.5 %. Shore hardness wire insulation 1.5 %. Mount Strandk 5 (wire) 42 Diameter of single wires 0,15 mm Conductor crossection (wire) 0,75 mm ² Material conductor wire Stored Coper wire, bare Conductor type (wire) strand dass 6 Nominal voltage AC max. 300 V Current load capacity (itandard) 10 DIN VDE 0298-4 Current load capacity (itandard)	Type of Certificate	cURus
wire arrangement black 1, black 2, black 3, green yellow Cable weight 69.3 grm Material jackst PUR Shore hardness jacket 90.1.5 Shore A Freedom from ingredients (jackott) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jackott) 1.5 % Material weir insulation PP Amount wires 4 Outer diameter (insulation 1.8 mm Cuter diameter insulation 1.8 mm Outer diameter insulation 70.1.5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing cord or vire insulation wile insulation withe insulation Material aver 0.15 mm Conductor type (wire) Strandod copper wire, bare Conductor type (wire) strand diss 6 Norminal voitage AC max. 300 V Current load capacity (wire) 2.5 kV @ 60 s Morinal voitage AC max. 300 V Current load capacity (wine) 2.5 kV @ 60 s Morinal voitage (wire	Amount stranding	1
Cable weight 69.3 g/m Matterial jacket PUR Shore hardness jacket 90.5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CPC-free, halogen-free, silicone-free Outer-diameter (jacket) 6.5 mm Outer diameter (jacket) 6.5 mm Outer diameter (jacket) 1.5 % Matterial wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1.85 mm Outer diameter tolerance core insulation 1.9 5 Shore D Nore hardness wire insulation 1.9 5 Shore D Ingredient freeness wire insulation 1.9 5 Shore D Material condicts (wire) 0.7 5 Shore D Manunt strands (wire) 42 Diameter of single wires 0.15 mm Conductor rossection (wire) 0.75 mm ³ Material conductor wire Stranded copper wire, bare Conductor rossection (wire) 0.75 mm ³ Conductor wire (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min: wire 9.6 A	Stranding	4 wires twisted
Material jacket PUR Shore hardnoss jacket 90 ± 5 Shore A Freedom Trom Ingredients (jacket) lead / free, cadmium/ree, CFC-Iree, halogen-free, silicone-free Outer-diameter (jacket) 6.5 mm Tolerance outer diameter (jacket) 6.5 mm Tolerance outer diameter (jacket) 5.5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance core insulation 1.85 mm Outer diameter tolerance core insulation white (isolation back) Arrount strands (wire) 4.2 Diameter of single wires 0.15 mm Conductor or cossescetion (wire) 0.75 mm² Conductor wire or sassection (wire) 0.75 mm² Conductor tyre (wire) Stranded copper vire, bare Conductor tyre (wire) Stranded copper vire, bare <	wire arrangement	black 1, black 2, black 3, green-yellow
Shore hardness jackel 90 ± 5 Shore A Freedom from ingredients (jacket) lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter tolerance ore insulation ± 5 % Shore hardness wire insulation 1.85 mm Outer diameter tolerance ore insulation ± 5 % Shore hardness wire insulation 1.85 mm Outer diameter tolerance ore insulation ± 5 % Mount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crossection (vire) 0.75 mm ² Material conductor vire Strand class 6 Nominal voltage A C max. 300 V Current load capacity fistin andri to DN VDE C284-4 Current load capacity fistin andri to DN VDE C284-4 Current load capacity fistin andri to DN VDE C284-4 Current load capacity fistin andri to DN VDE C284-4 Current load capacity fistin andri to DN VDE C284-4 Current load capacity fistin andri to DN VDE C284-4 Current	Cable weigth	69,3 g/m
Freedom from ingredients (jacket) lead free, cadmium free, OFC free, halogen-free Outer diameter (jacket) 6.5 mm Outer diameter (isolation) 9.5 mm Material wire insulation PP Amoutt wires 4 Outer diameter insulation 1.85 mm Outer diameter insulation 1.85 mm Outer diameter insulation 1.85 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1.64 free, cadmium-free, OFC-free, halogen-free Prining color of wire insulation white (isolation black) Amount stands (wire) 42 Diameter of single wises 0.15 mm Conductor orge wire) 9.75 mm ² Material conductor wire Stranded copper wire, bare Conductor rype (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (mint, wire) 9.6 A Electrical resistance ine constant wire 25 kV @ 60 s Power frequency withsard voltage (wire - wire) 2.5 kV @ 60 s Max. oparating temperature (total) 80 °C / 90 °C @ 10000 h Oparation Operating temperature mix. (dynamic) 25 °C Operating temperature mix. (dynamic) 25 °C Ope	Material jacket	PUR
Duter diameter (jacket) 6,5 mm Tolerance ouer diameter (sheath) 2.5 % Materia Wire insulation PP Amount Wires 4 Outer diameter insulation 1.85 mm Outer diameter insulation 70 ± 5 % Shore hardness wire insulation 70 ± 5 % Shore hardness wire insulation 1.85 mm Unter diameter insulation 4.42 Diameter of single wires 0.15 mm Conductor crossoction (wire) 42 Diameter of single wires 0.15 mm Conductor viscoscotton (wire) 0.75 mm ² Material conductor wire Stranded copper wire, bare Conductor viscoscotton (wire) 0.75 mm ² Material conductor wire Stranded copper wire, bare Conductor viscoscotton (wire) 9.5 A Current load capacity (standart) to DIN VDE 0298-4 Current load capacity (standart) to DIN VDE 0298-4 Current load capacity (wine wire) 2.5 kV @ 60 s Ak withstand voltage (wire - wire) 2.5 kV @ 60 s Min. operating temperature (stalic) -40 °C Max. o	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) \pm 5 %Material wire insulationPPAmount wires4Outer diameter insulation1.85 mmOuter diameter insulation1.85 mmOuter diameter insulation1.85 %Shore hardness wire insulation1.84 %Imgredient fibeness wire insulation1.84 %Imgredient fibeness wire insulation1.84 %Amount strands (wire)42Diameter of single wires0.15 mmConductor crosssection (wire)0.75 mm²Material conductor wireStranded copper wire, bareConductor crosssection (wire)0.75 mm²Conductor wire (wire)stranded copper wire, bareConductor wireStranded copper wire, bareCurrent load capacity (standard)to DIN VDE Cog94Current load capacity (standard)to DIN VDE Cog94Current load capacity (standard)2.5 kV @ 60 sMax. operating temperature (static)40 °CMax. operating temperature (static)40 °CMax. operating temperature (static)40 °CPower frequency withstant voltage (wire)2.5 kV @ 60 sCo	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 4 Outer diameter isolation 1.85 mm Outer diameter isolation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor crossection (wire) 0.75 mm ² Conductor vice crossection (wire) 0.75 mm ² Conductor vice (wire) strande class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-20 °C AC withst	Outer-diameter (jacket)	6,5 mm
Amount wires 4 Outer diameter insulation 1.85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation while (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor vorsesection (wire) 0.75 mm² Material conductor wire Stranded coppor wire, bare Canductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current toal capacity (standard) to DIN VDE 0298.4 Current toal capacity (standard) to DIN VDE 0298.4 Current toal capacity (wire - wire) 2.5 kV @ 60 s Power frequency withstand voltage (wire - vire) 2.5 kV @ 60 s Min. operating temperature (static) -40 °C Mix ac, operating temperature (static) -40 °C Mix ac, operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Oy registance DIN EN ISO 4982-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-2.2 UL 1581 § 1090	Tolerance outer diameter (sheath)	±5%
Outer diameter insulation 1,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient Thereness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount Strands (wire) 42 Diameter of single wires 0,15 mm Conductor crossection (wire) 0,75 mm ² Conductor type (wire) strand class 6 Noninal voltage AC max. 000 V Current load capacity (standard) to DIN VDE 0298-4 Cur	Material wire insulation	PP
Outer diameter tolerance core insulation \pm 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0.15 mmConductor oressection (wire)0.75 mm ² Material conductor wireStranded copper wire, bareConductor toye (wire)strand class 6Nominal voltage AC max.300 VCurrent Load capacity (standard)to DIN VDE 0298-4Current Load capacity (standard)2.5 kV @ 60 sPower frequency withstand voltage (wire - wire)2.5 kV @ 60 sPower frequency withstand voltage (wire - wire)2.5 kV @ 60 sMax. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (static)-25 °COperating temperature min. (dynamic)80 °C / 90 °C @ 10000 h OperationOur resistanceDIN EN ISO 4892-2 AFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN ISO 4892-2 AFlame resistanceDIN EN ISO 4892-2 AFlame resistanceGood, application-related testingOil resistanceDIN EN ISO 4892-2 AFlame resistanceGood, application-related testingOil resistanceDIN EN ISO 4892-2 AFlame resistanceDIN EN ISO 4892-2 AFlame resistance </td <td>Amount wires</td> <td>4</td>	Amount wires	4
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-tree, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Anount strands (wire) 42 Diameter of single wires 0,15 mm Conductor wire Stranded copper wire, bare Conductor wire Stranded copper wire, bare Conductor (wire) 0,75 mm ² Material conductor wire Stranded copper wire, bare Conductor (wire) 0,85 mm ² Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 9,6 A Electrical resistance line constant wire 2,6 kW @ 60 s Power frequency withstand voltage (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Deparating temperature (static) -40 °C Deparating temperature (static) -40 °C Rac operating temperature (static) <td< td=""><td>Outer diameter insulation</td><td>1,85 mm</td></td<>	Outer diameter insulation	1,85 mm
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free, Silicone-free Printing color of wire insulation white (isolation black) Arnount strands (wire) 42 Diameter of single wires 0,15 mm Conductor rossection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - 2,5 kV @ 60 s Power frequency withstand voltage (wire - 2,5 kV @ 60 s Power frequency withstand voltage (wire) -2,5 kV @ 60 s Power frequency withstand voltage (wire) -2,5 kV @ 60 s Power frequency withstand voltage (wire) -2,5 kV @ 60 s Power frequency withstand voltage (wire) -2,5 kV @ 60 s Power frequency withstand voltage (wire) -2,5 kV @ 60 s Power frequency withstand voltage (wire) -2,5 kV @ 60 s Power frequency withstand voltage (wire) -2,5 kV @ 60 s Dio realing temperature (stat	Outer diameter tolerance core insulation	±5%
Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor crossection (wire) 0.75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current Load capacity (standard) to DIN VDE 0298-4 Current Load capacity (standard) 2,5 kV @ 60 s Power frequency withstand voltage (wire - 2,5 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation	Shore hardness wire insulation	70 ± 5 Shore D
Amount strands (wire) 42 Diameter of single wires 0.15 mm Conductor crosssection (wire) 0.75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - iacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) -25 °C Operating temperature min. (dynamic) -25 °C Off is isstance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire) 9,6 A Electrical resistance line constant wire 26,0/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - interposed for the constant wire) 2,5 kV @ 60 s Min: operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Vir resistance B0 °C / 90 °C @ 10000 h Operation Operating temperature (static) -40 °C Vir resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60322-2 2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing<	Printing color of wire insulation	white (isolation black)
Conductor orsssection (wire) 0,75 mm ² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - iscket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance DIN EN K0604, application-related testing Gil resistance DIN EN K0604, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic)	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 26 Q.km @ 20 °C AC withstand voltage (wire - wire) 2.5 kV @ 60 s Power frequency withstand voltage (wire - izck W @ 60 s 2.5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (static) -25 °C Operating temperature (mixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6 Nominal voltage AC max. 300 V Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 9.6 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2.5 kV @ 60 s Power frequency withstand voltage (wire - jacket) -40 °C Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -2.5 °C Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 6032-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Oil resistance DiN No 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 10 Mio. @ 25 °C Traverspee	Conductor crosssection (wire)	0,75 mm ²
Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical resistance line constant wire26 0/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (ixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60322-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingDir resistanceDIN Mer 25 °CTraversing distance (C-track)10 m @ 25 °CNo. of bending cycles (C-track)10 m @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire9,6 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - jacket)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 EC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 00 °C CTraversing distance (C-track)10 Mio. @ 25 °CNo. of bending cycles (C-track)10 m @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Conductor type (wire)	strand class 6
Current load capacity min. wire 9,6 A Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Gasoline 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 Bending cycles (C-track) 10 Min. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C No. of bending cycles 2 Mio. Traversing distance (C-track) 10 m @ 25 °C No. of torsion cycles 2 Mio.	Nominal voltage AC max.	300 V
Electrical resistance line constant wire 26 Ω/km @ 20 °C AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 3 m's @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 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 (fixed) 5 x Outer diameter No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Current load capacity min. wire	9,6 A
Power frequency withstand voltage (wire - jacket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) -25 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C No. of torsion cycles 2 Mio.	Electrical resistance line constant wire	26 Ω/km @ 20 °C
jacket)2.5 KV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (cfrack)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Max. operating temperature (fixed)80 °C / 90 °C @ 10000 h OperationOperating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m		2,5 kV @ 60 s
Operating temperature min. (dynamic)-25 °COperating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Min. operating temperature (static)	-40 °C
Operating temperature max. (dynamic)80 °C / 90 °C @ 10000 h OperationUV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
UV resistanceDIN EN ISO 4892-2 AFlame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Operating temperature min. (dynamic)	-25 °C
Flame resistanceUL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 m @ 25 °CTraversing distance (C-track)10 m @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistanceGood, application-related testingOil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistanceDIN EN 60811-404 Good, application-related testingBending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	chemical resistance	Good, application-related testing
Bending radius (fixed)5 x Outer diameterBending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Gasoline resistance	Good, application-related testing
Bending radius (dynamic)10 x Outer diameterNo. of bending cycles (C-track)10 Mio. @ 25 °CTraversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Oil resistance	DIN EN 60811-404 Good, application-related testing
No. of bending cycles (C-track) 10 Mio. @ 25 °C Traversing distance (C-track) 10 m @ 25 °C horizontal Travel speed (C-track) 3 m/s @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (fixed)	5 x Outer diameter
Traversing distance (C-track)10 m @ 25 °C horizontalTravel speed (C-track)3 m/s @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track) 3 m/s @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Traversing distance (C-track)	10 m @ 25 °C horizontal
Torsion stress ± 180 °/m	Travel speed (C-track)	3 m/s @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-23

Murrelektronik ApS | Alexander Foss Gade 13, 1. | 9000 Aalborg | Fon +45 96 35 06 06 | Fax | shop@murrelektronik.dk | shop.murrelektronik.dk