

Valve plug MDC06-6s with cable

PUR 6x0.75 bk UL/CSA+drag ch. 1.5m

Xtreme - Outdoor Further cable lengths on request. Male straight 6...230 V AC/DC 6-pole without components

Compatible with:

Deutsch DT06-6S

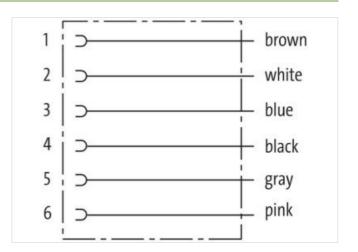
Plastic housings with good resistance against chemicals and oils.

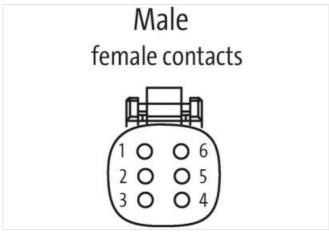
The resistance to aggressive media should be individually tested for your application. Further details on request.

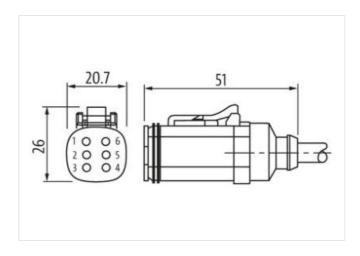
Link to Product

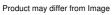
Illustration



















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Cable length	1,5 m
Side 1	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	MDC
suitable for corrugated tube (internal Ø)	10 mm
Material contact	Copper alloy
No. of poles	6
Side 2	
Stripping length (jacket)	60 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879685511
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.	6 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	60 mm
Family construction form	Amphenol AT06-6S
Device protection Electrical	
Degree of protection (ISO 20653:2013)	IP66K, IP68, IP69K
Pollution Degree	2
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	Destruction and the last of the state of the
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.



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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.

Jacket Color Disck Type of Certificate URus URus URus URus URus Amount stranding 5 wires around Core tiller twisted Filer yes wire arrangement brown, pink, gray, black, blue, white Cabbie weight Bis 1 g/m Material jacket PUR Shore hardness jacket PUR Amount wires Outer diameter (sacket) 7.3 mm Tolerance outer diameter (sacket) PP Amount wires 6 Outer diameter invaliation PP Amount wires Outer diameter invaliation 70 ± 5 Shore B Ingredient freeness were insulation 1.85 mm Outer diameter forteness were insulation 1.95 mm Outer diameter forteness were insulation Ingredient freeness were insulation PR Amount strands (wire) 42 Diameter of single wires Ondustor crosssection (wire) Arrawering distance (Turke) Conductor vive Stranded copper wire, baire Conductor yep (wive) shand capacity (standard) to DIN VDE 0286-4 Current load capacity (standard) Current load capacity (standard) Current load capacity yeithard voltage power (wive - jacket) Max. Operating temperature (static) Operating temperature win. (dynamic) DIN EN 80 90°C 90°C 900000 h Operation Operating temperature win. (dynamic) DIN EN 80811-404 [Good, application-related testing Oil resistance DIN EN 80811-404 [Good, application-related testing No. of bending radius (dynamic) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter 10 x Noire diameter 10 x	-	endangered by excessive bending forces.
Cable Type 3	Installation Cable	
Jacket Cobr black Type of Certificate CURs Type of Certificate CURs Amount stranding 1 Stranding 5 wires around Core filter twisted Filter yes wire arrangement brown, pink, gray, black, blue, white Cable weight 88.1 pm Material jacket PUR Shore hardness jacket PUR Shore hardness jacket 90 ± 5 Shore A Frieedom from ingredients (jacket) 17.3 mm Telerance outer diameter (seaket) 7.3 mm Telerance outer diameter (seaket) 5 Shore A Coller diameter (seaket) 6 Outer diameter (seaket) 7 Shore N Amount wires 6 Outer diameter insulation PP Amount wires 6 Outer diameter insulation 7 0 ± 5 Shore D Shore hardness wire insulation 18.5 mm Outer diameter insulation 7 0 ± 5 Shore D Shore hardness wire insulation 19 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 Shore D Shore hardness wire insulation 10 ± 5 S	Cable identification	572
Type of Certificate CURus	Cable Type	3
Anount strending 1 Stranding 6 wires around Core filler twisted Filler yes wire arrangement brown, pink, gray, black, blue, white Cable weigh 89,1 gm Material jacket PUR Material jacket PUR Shore hardness jacket PUR Freedom from ingedients (jacket) 90,1 5 Shore A Freedom from ingedients (jacket) 12,3 mm Outer diameter (jacket) 7,3 mm Outer diameter (jacket) 2,3 mm Outer diameter insulation PP Amount wires 6 Outer diameter insulation PP Amount wires 6 Outer diameter insulation PP Amount wires 6 Outer diameter insulation 1,1,55 mm Outer diameter insulation 2,5 mm Outer diameter insulation 1,55 mm Outer diameter of the around insulation 1,55 mm Outer diameter of single wires (but insulation 1,55 mm Outer diameter of single wires (but insulation 1,55 mm) Outer diameter of single wires (but insulation 1,55 mm) Outer diameter of single wires (but insulation 1,55 mm) Material conductor wire (but insulation 1,55 mm² Material conductor wire (but insulation 1,55 m	Jacket Color	black
Anount strending 1 Stranding 6 wires around Core filler twisted Filler yes wire arrangement brown, pink, gray, black, blue, white Cable weigh 89,1 gm Material jacket PUR Material jacket PUR Shore hardness jacket PUR Freedom from ingedients (jacket) 90,1 5 Shore A Freedom from ingedients (jacket) 12,3 mm Outer diameter (jacket) 7,3 mm Outer diameter (jacket) 2,3 mm Outer diameter insulation PP Amount wires 6 Outer diameter insulation PP Amount wires 6 Outer diameter insulation PP Amount wires 6 Outer diameter insulation 1,1,55 mm Outer diameter insulation 2,5 mm Outer diameter insulation 1,55 mm Outer diameter of the around insulation 1,55 mm Outer diameter of single wires (but insulation 1,55 mm Outer diameter of single wires (but insulation 1,55 mm) Outer diameter of single wires (but insulation 1,55 mm) Outer diameter of single wires (but insulation 1,55 mm) Material conductor wire (but insulation 1,55 mm² Material conductor wire (but insulation 1,55 m	Type of Certificate	cURus
Filler yes wire arrangement brown, pink, gray, black, blue, white Cable weight 83,1 g/m Material jacket PUR Shore hardness jacket PUR Jouer-diameter (jacket) Isad-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 6 Cuter diameter insulation 1,35 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1 tash-free, cadmium-free, CFC-free, halogen-free, silicone-free 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 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VPC 0388-4 Current load capacity with stand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C 0 °C 0 10000 h Operation Operating temperature max. (dynamic) 25 °C 0 0000 h Operation Oli resistance DIN EN KISO 4882-2 A Fileme resistance Currency In New 10 Min. 0 92 °C 0 10000 h Operation Oli resistance Conductor (dynamic) 10 Min. 0 92 °C 0 10000 h Operation Oli resistance Conductor (dynamic) 10 Min. 0 92 °C 0 10000 h Operation Oli resistance Conductor (dynamic) 10 Min. 0 92 °C 0 10000 h Operation Oli No. of bonding cycles (C-track) 10 Min. 0 92 °C 0 10000 h Operation Oli No. of bonding cycles (C-track) 10 Min. 0 92 °C 0 10000 h Operation Oli No. of bonding cycles (C-track) 10 Min. 0 92 °C 0 10000 h Operation Oli No. of bonding cycles (C-track) 10 Min. 0 92 °C 0 10000 h Operation Oli No. of bonding cycles (C-track) 1	Amount stranding	1
wire arrangement brown, pink, gray, black, blue, while Gable weight 89,1 grm Material jacket PUR Shore hardness jacket 90 £ Shore A Froadom from ingredients (jacket) 190 £ Shore A I lead-froe, caminum-froe, CFC-froe, halogen-froe, silicone-froe Under-diameter (jacket) 2,3 mm Tolerance outer diameter (sheath) 2.5 % Material wire insulation PP Amount wires 6 Outer diameter insulation 1,85 mm Outer diameter tolerance core insulation 70 £ 5 Shore D Under diameter tolerance core insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 8 Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Ingredient freeness wire insulation 70 £ 5 Shore D Indredient freeness wire insulation 70 £ 5 Shore D Indredient freeness wire insulation 70 £ 5 Shore D Indredient freeness wire insulation 70 £ 5 Shore D Indredient freeness wire insulation 70 £ 5 Shore D Indredient freeness freeness freeness wire insulation 70 £ 5 Shore D Indredient freeness freenes	Stranding	6 wires around Core filler twisted
Cable weigth 89,1 g/m Material jacket PUR Abrore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 7,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 6 Outer diameter follerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 18 mm User of single wires 0.15 mm Conductor or ossesction (wire) 42 Diameter of single wires 0.15 mm Conductor or ossesction (wire) 9.75 mm² Material conductor wire Stranded copper wire, bare Conductor of spacity (standard) 10 m @ 25 °C horizontal Current load capacity (standard) 10 m @ 25 °C horizontal Current load capacity (standard) 10 m @ 25 °C horizontal Current load capacity (standard) 10 m @ 25 °C horizontal Current l	Filler	yes
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 7.3 mm Tolerance outer diameter (jacket) 7.3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 6 Outer diameter insulation 1.85 mm Outer diameter insulation 70 ± 5 Shore D Ingredient freeness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1.85 mm 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) stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Current load capacity (standard) to DIN VDE (298-4 Current load capacity (standard) to DIN VDE (298-4 Current load capacity with. 8,4 A Electrical resistance line constant wire 26 kW @ 60 s Nominal voltage power (wire - wire) 2,5 kV @ 60 s	wire arrangement	brown, pink, gray, black, blue, white
Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 7,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 6 Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 1,85 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 1,85 mm Outer diameter (single wire wire insulation) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Ingredient freeness wire insulation 1,65 mm Diameter of single wires 0,15 mm Conductor 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 Traversing distance (C-track) 10 m @ 25 °C I ponzontal Current load capacity min. wire 8,4 A Electrical resistance will be present with a survival or wi	Cable weigth	89,1 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Material jacket	PUR
Outer-diameter (jacket) 7,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 6 Outer diameter insulation 1,85 mm Outer diameter insulation 2.5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor reressection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity (standard) 10 DIN VDE 0298-4 Current load capacity min. wire 8.4 A Electrical resistance line constant wire 2.6 N/m @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2.5 kV @ 60 s Min. operating temperature (fixed) 30 °C / 90 °C @ 10000 h Operation <	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 6 Outer diameter insulation 1,85 mm Outer diameter bolerance core insulation ± 5 % Shore hardness wire insulation 1,85 mm Ingredient freeness wire insulation 164 % 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 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity standard 10 IN NDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Max. operating temperature min. (dynamic) 25 °C Operating temperature min. (dynamic) 80 °C / 90 °C @ 10000 h Operation UV resistance </td <td>Freedom from ingredients (jacket)</td> <td>lead-free, cadmium-free, CFC-free, halogen-free, silicone-free</td>	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulation PP Amount wires 6 Outer diameter insulation 1,85 mm Outer diameter tolerance core insulation 25 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 10 ± 5 Shore D Amount strank (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor vire Stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Conductor type (wire) stranded copper wire, bare Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/m @ 20 °C Nominal voltage power AC max. 300 V Power frequency wirthstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C Wax. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation <td>Outer-diameter (jacket)</td> <td>7,3 mm</td>	Outer-diameter (jacket)	7,3 mm
Amount wires 6 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 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 Traversing distance (C-track) 10 m @ 25 °C (horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity with wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature max. (dynamic) 2.5 °C Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation	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 freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency writhstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) 40 °C 90 °C @ 10000 h Operation Operating temperature (static) 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	Material wire insulation	PP
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 Amount stands (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 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 2988-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation Operating temperature min. (dynamic) 25 °C Operating temperature min. (dynamic) 25 °C Ut resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Oli resistance Good, application-related testing	Amount wires	6
Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,15 mm² Conductor crossection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strande class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8.4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 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 U. 1581 § 1100 FT2 IEC 60332-2-2 U. 1581 § 1090 Chemical resistance Good, appli	Outer diameter insulation	1,85 mm
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 4,0 °C Max. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation UV resistance DIN EN ISO 4892-2 A Flame resistance DIN EN ISO 4892-2 A Flame resistance Good, application-related testing Oil resistance DIN EN Both 17-04 Good, application-related testing Oil resistance DIN EN Both 17-04 Good, application-related testing Oil resistance DIN EN Both 17-04 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Torsion speed 35 cycles/min	Outer diameter tolerance core insulation	±5%
Amount strands (wire) 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 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 8,6 k/	Shore hardness wire insulation	70 ± 5 Shore D
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 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C Max. operating temperature (static) -40 °C Max. operating temperature (mixed) 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 Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) 8,4 A Electrical resistance line constant wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 2,5 kV @ 60 s Min. 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 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (dynamic) 5 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 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 UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (dynamic) 10 × Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6 Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 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 DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (foynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Conductor crosssection (wire)	0,75 mm ²
Traversing distance (C-track) 10 m @ 25 °C horizontal Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 40 °C Max. 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 OII REN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 x Outer diameter Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 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 Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Conductor type (wire)	strand class 6
Current load capacity min. wire 8,4 A Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) jacket) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 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 No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Traversing distance (C-track)	10 m @ 25 °C horizontal
Electrical resistance line constant wire 26 Ω/km @ 20 °C Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - wire) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 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 No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Current load capacity (standard)	to DIN VDE 0298-4
Nominal voltage power AC max. 300 V Power frequency withstand voltage power (wire - jacket) 2,5 kV @ 60 s AC withstand voltage power (wire - wire) 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 DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Current load capacity min. wire	8,4 A
Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) AC withstand voltage power (wire wire) AC withstand voltage power (wire) AC withstand voltage power (withstand) AC withstand voltage	Electrical resistance line constant wire	26 Ω/km @ 20 °C
(wire - jacket) AC withstand voltage power (wire - wire) AC withstand voltage power (wire in wire) AC withstand voltage power (withstand voltage power (withsta	Nominal voltage power AC max.	300 V
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 Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Operating temperature max. (dynamic) OPERATING THE PROPERTY OF THE PROPERTY O	AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Operating temperature min. (dynamic) 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 Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Min. operating temperature (static)	-40 °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 No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Max. operating temperature (fixed)	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 DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Operating temperature min. (dynamic)	-25 °C
Flame resistance Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	UV resistance	DIN EN ISO 4892-2 A
Gasoline resistance Good, application-related testing Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Oil resistance DIN EN 60811-404 Good, application-related testing No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	chemical resistance	Good, application-related testing
No. of bending cycles (C-track) 10 Mio. @ 25 °C Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (dynamic) 10 x Outer diameter No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min	Bending radius (fixed)	5 x Outer diameter
Torsion speed 35 cycles/min	Bending radius (dynamic)	10 x Outer diameter
	No. of torsion cycles	2 Mio.
Torsion stress ± 180 °/m	Torsion speed	35 cycles/min
	Torsion stress	± 180 °/m