

Valve plug MDCY06-6s / 2x MDC06-2s

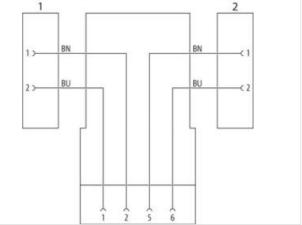
PUR 2x0.75 bk UL/CSA+drag ch. 3m

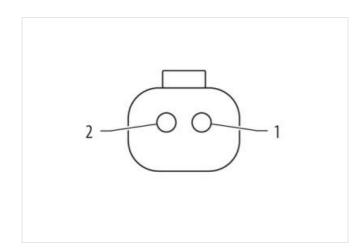
Xtreme - Outdoor Y connector Male straight 6...230 V AC/DC compatibel to Deutsch DT06-6S compatibel to Deutsch DT06-2S without components Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

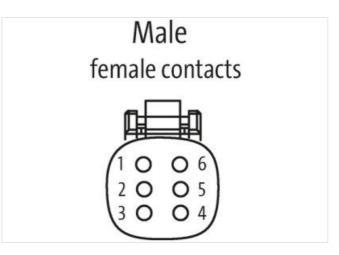
Link to Product

Illustration



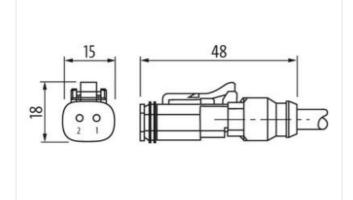


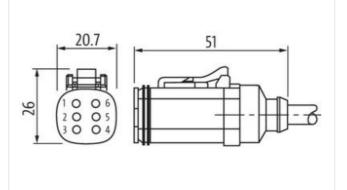




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-28







Product may differ from Image

Cable length	3 m
Side 1	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-6S
Material contact	Copper alloy
No. of poles	6
Side 2	
Mounting method	inserted
Coating contact	nickel plated
Family construction form	Amphenol AT06-2S
Material contact	Copper alloy
No. of poles	2
Side 3	
Family construction form	Amphenol AT06-2S
Material contact	Copper alloy
No. of poles	2
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	4048879833370
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
Device protection Electrical	

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Additional condition protection degreeInstruct, serowedPublicion Dogree3Publicion Dogree2.5 kVMaterial group (EC 5668-1)IMaterial group (EC 5668-1)IMaterial group (EC 5668-1)IMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)FAMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)SiliconMaterial group (EC 5668-1)SiliconOparating temperature max.85 °CCalo interfication754Calo interfication (Calo)BitckType of CartificationCaloSilicol interfication754Calo interfication2 % restructedMaterial group (EC 4764)10 Ma @ 25 °CCalo interfication90 °CSilicol interfication90 °CCalo interfication90 °CSilicol interfication90 °CCalo interfication90 °CSilicol interfication90 °CCalo interfication90 °CCalo interfication90 °CCalo interfication90 °CCalo interfication90 °CCalo interfication90 °C <tr< th=""><th>Degree of protection (EN IEC 60529)</th><th>IP68</th></tr<>	Degree of protection (EN IEC 60529)	IP68
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Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Amount wires	2
Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Outer diameter insulation	1,7 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Outer diameter tolerance core insulation	±5%
Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Q/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
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Traversing distance (C-track)10 m @ 25 °C horizontalCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire12 AElectrical resistance line constant wire26 Ω/km @ 20 °CNominal voltage power AC max.300 VPower frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
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Electrical resistance line constant wire 26 Ω/km @ 20 °C 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		
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Power frequency withstand voltage power (wire - jacket)2,5 kV @ 60 sAC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		
AC withstand voltage power (wire - wire)2,5 kV @ 60 sMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation	Power frequency withstand voltage power	2,5 kV @ 60 s
Min. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °C / 90 °C @ 10000 h Operation		2,5 kV @ 60 s
Max. operating temperature (fixed) 80 °C / 90 °C @ 10000 h Operation		
Voerando remoerandre min (ovnamic)	Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic) 80 °C / 90 °C @ 10000 h Operation		
mation in this Product-PDE has been compiled with the utmost care		

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UV resistance	DIN EN ISO 4892-2 A	
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
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 torsion cycles	2 Mio.	
Torsion speed	35 cycles/min	
Torsion stress	± 180 °/m	

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