

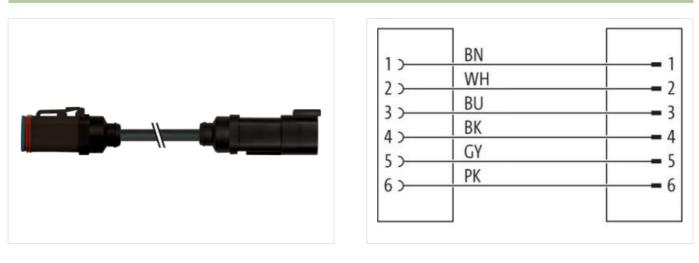
Valve plug MDC06-6s / MDC04-6p

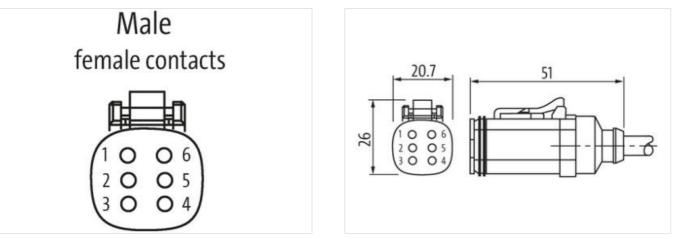
PUR 6x0.75 bk UL/CSA+drag ch. 7.5m

Xtreme - Outdoor Male straight – female straight 6...230 V AC/DC 6-pole without components with cable sleeves compatible to Deutsch DT06-6S and Deutsch DT04-6P 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

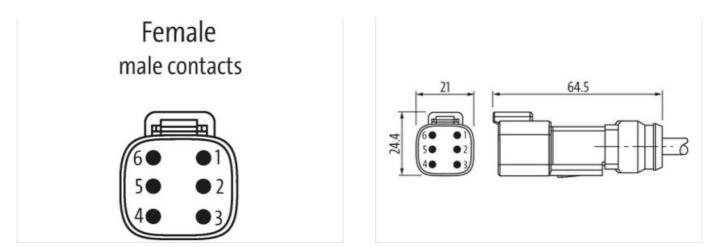
Illustration





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Product may differ from Image

Cable length	7,5 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 AT04-6P
No. of poles	6
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	4048879756488
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
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP68
Additional condition protection degree	inserted, screwed
Pollution Degree	3

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Tolerance outer diameter (sheath) \pm 5 %Alaterial wire insulationPPAnterial wire insulation1,85 mmDuter diameter insulation1,85 mmDuter diameter tolerance core insulation \pm 5 %Shore hardness wire insulation70 \pm 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 mm²Anterial conductor wireStranded copper wire, bareConductor type (wire)strand class 6Journet Ioad capacity (standard)to DIN VDE 0298-4Current Ioad capacity (standard)to DIN VDE 0298-4Current Ioad capacity (wire - wire)2,5 kV @ 60 sConductor vitation vitage (wire - acket)2,5 kV @ 60 sDiameter Ioag temperature (static)-40 °C	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Atterial wire insulationPPAmount wires6Duter diameter insulation1,85 mmDuter diameter 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 mm²Conductor vireStranded copper wire, bareConductor type (wire)strand class 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CCK withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	Outer-diameter (jacket)	7,3 mm
Amount wires 6 Duter diameter insulation 1,85 mm Duter diameter tolerance core insulation ± 5 % Shore hardness wire insulation 70 ± 5 Shore D Ingredient freeness wire insulation 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Xmount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Outer diage AC max. 300 V Conductor type (wire) strand class 6 Courrent load capacity min. wire 8,4 A Electrical resistance line constant wire 26,5 kV @ 60 s Cover frequency withstand voltage (wire - acket) 2,5 kV @ 60 s	Tolerance outer diameter (sheath)	± 5 %
Duter diameter insulation 1,85 mm Duter 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 Aterial 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 (wire - wire) 2,5 kV @ 60 s Cower frequency withstand voltage (wire - acket) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) -40 °C	Material wire insulation	PP
Duter 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 Atterial conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Volument load capacity (standard) to DIN VDE 0298-4 Current load capacity (standard) to DIN VDE 0298-4 Current load capacity (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - wire) 2,5 kV @ 60 s Cover frequency withstand voltage (wire - acket) -40 °C	Amount wires	6
Shore hardness wire insulation70 ± 5 Shore Dlead-free, cadmium-free, CFC-free, halogen-free, silicone-freeAmount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Conductor wireStranded copper wire, bareConductor type (wire)stranded copper wire, bareConductor type (wire)strand class 6Vorment load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CVC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sVin. operating temperature (static)-40 °C	Outer diameter insulation	1,85 mm
Ingredient 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 6Conductor type (wire)300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)8,4 AElectrical resistance line constant wire26 Q/km @ 20 °CCW withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	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 6Nominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sAin. operating temperature (static)-40 °C	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires0,15 mmDiameter of single wires0,75 mm²Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Adminal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6Conductor type (wire)strand class 6Iominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sIn. operating temperature (static)-40 °C	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 min. wire 8,4 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 - acket) -40 °C	Diameter of single wires	0,15 mm
Conductor type (wire)strand class 6Jominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)-40 °C	Conductor crosssection (wire)	0,75 mm ²
Jominal voltage AC max.300 VCurrent load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CAC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sIn. operating temperature (static)-40 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity (standard)to DIN VDE 0298-4Current load capacity min. wire8,4 AElectrical resistance line constant wire26 Ω/km @ 20 °CCC withstand voltage (wire - wire)2,5 kV @ 60 sPower frequency withstand voltage (wire - acket)2,5 kV @ 60 sIn. operating temperature (static)-40 °C	Conductor type (wire)	strand class 6
Current load capacity min. wire 8,4 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 - acket) 2,5 kV @ 60 s Ain. operating temperature (static) -40 °C	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 - acket) 2,5 kV @ 60 s Min. operating temperature (static) -40 °C	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 2,5 kV @ 60 s Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s AC withstand voltage (wire - acket) -40 °C	Current load capacity min. wire	8,4 A
Power frequency withstand voltage (wire - acket) 2,5 kV @ 60 s Ain. operating temperature (static) -40 °C	Electrical resistance line constant wire	26 Ω/km @ 20 °C
acket) 2,5 kV @ 60 S Alin. operating temperature (static) -40 °C	AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Iin. operating temperature (static) -40 °C	Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
	Min. operating temperature (static)	-40 °C
	Max. operating temperature (fixed)	
		- ·

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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.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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