MDC06-2s short with cable

PUR 2x0.75 bk UL/CSA+drag ch. 5m

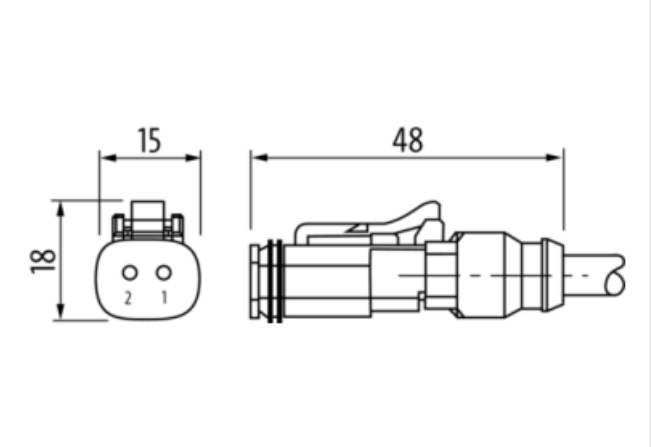
Art.No.: 7072-72011-7540500
Weight: 0,199 kg
Country of origin: DE
Model designation: MSTDL0-G754_5.0-S72

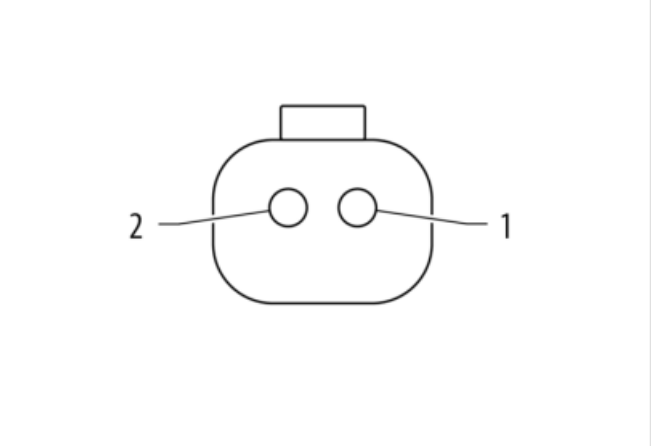
Xtreme - Outdoor
Male straight
12...230 V AC/DC
2-pole
without components
Compatible with:
Deutsch DT06-2S
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

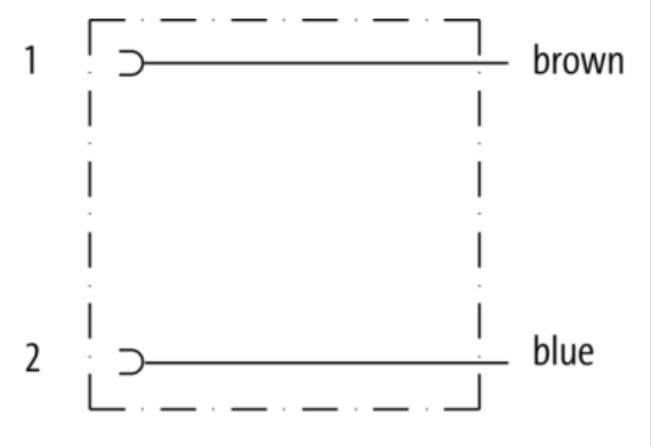
Link to Product

Illustration

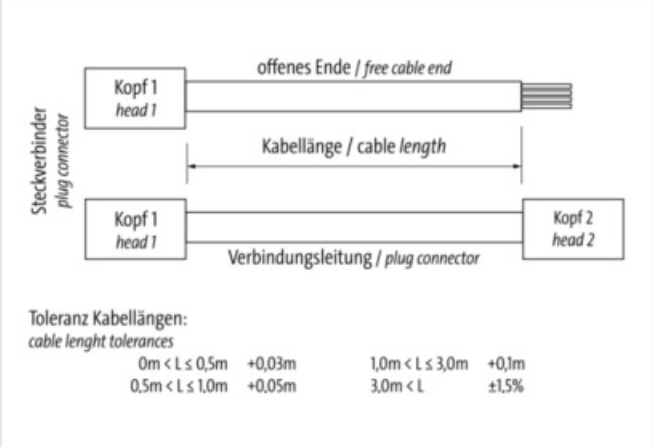


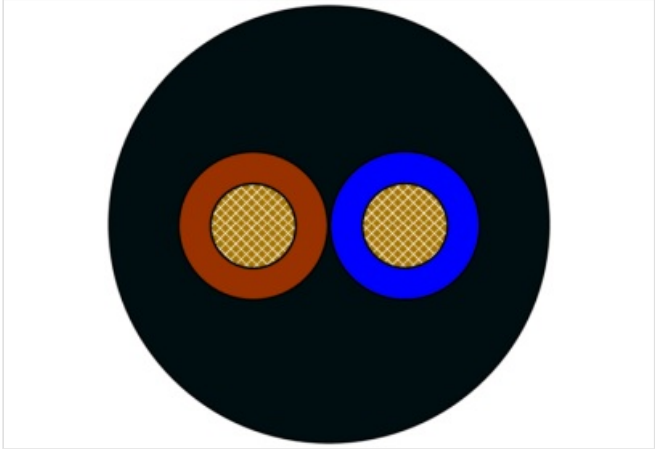






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Product may differ from Image

Cable length	5,00 m
Side 1-1	
Family construction form	MDC
No. of poles	2
Mounting method	inserted
Material contact	Copper alloy
Coating contact	nickel plated
Side 2-2	
Stripping length (jacket)	20 mm
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7072-72011-7540500
GTIN	4048879631310
EU-Customs tariff number	85444290
US-Customs tariff number	8544429090
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-7.1	27279218
ECLASS-8.0	27279218
ECLASS-8.1	27279218
ECLASS-9.0	27060312
ECLASS-9.1	27060312
ECLASS-10.0.1	27060312
ECLASS-10.1	27060312
ECLASS-11.0	27060312
ECLASS-11.1	27060312
ECLASS-12.0	27060312
ECLASS-13.0	27060312
ECLASS-14.0	27060312
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855

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ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444290
EAN	4048879631310
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	
Family construction form	Amphenol AT06-2S
Device protection | Electrical	
Degree of protection (ISO 20653:2013)	IP69K, IP68, IP66K
Pollution Degree	2
Additional suppressor	without components
Rated surge voltage	2.5 kV
Material group (IEC 60664-1)	III
Mechanical data | Material data	
housing	PA
Gasket	Silicon
Mechanical data | Mounting data	
Locking 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 bending radius	**Attention:** Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Installation | Cable-1	
Cable identification	754
Cable Type	3
Cable weigth	37 g/m
UL AWM Style	20549 / 10493
Stranding	1 × 2 wires stranded
Wire arrangement	BN, BU
Material wire insulation	PP
Amount wires	2
Outer diameter insulation	1.7 mm ± 0.1 mm
Conductor crosssection (wire)	0.75 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	42 × 0.15 mm
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material jacket	PUR
Outer-diameter (jacket)	5 mm ± 5 %
Jacket Color	black / RAL 9005

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Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	26 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2.5 kV @ 60 s
Withstand voltage (wire - jacket)	2.5 kV @ 60 s
Current load capacity max. (wire)	12 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-40 °C … 80 °C / 90 °C @ 10000 h Operation
Operating temperature (dynamic)	-25 °C … 80 °C / 90 °C @ 10000 h Operation
Operating temperature (drag chain)	-25 °C … 80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1090, CSA FT2, IEC 60332-2-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Notes	application-related testing
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × 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
Acceleration (C-track)	10 m/s² @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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