

Mini (7/8) 5 pole, Female 90° w/ Cable

PVC 5x16AWG ye UL/CSA, STOOW

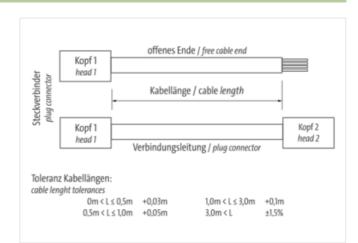
Art.No.: 7700-A5031-UBD1000 Weight: 2.042 Country of origin: US Model designation: MSCDL0-UUBD 10.0

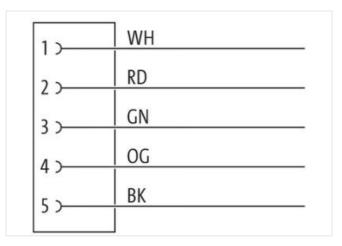
Female 90° 7/8" (5-pole) Power cable USA without cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

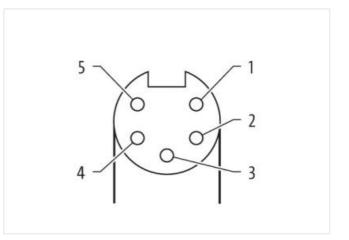
Link to Product

Illustration



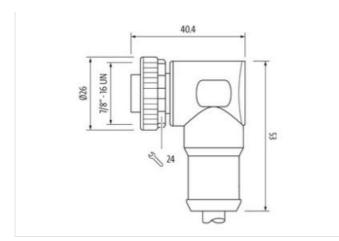






The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-08-03





Product may differ from Image



Cable length	10 m
Side 1	
Tightening torque	1,5 Nm
Mounting method	inserted, screwed
Family construction form	7/8"
Thread	7/8"
suitable for corrugated tube (internal Ø)	17,8 mm
No. of poles	5
Width across flats	SW24
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060327
ETIM-5.0	EC001855
customs tariff number	85444290
customs tariff number	85444290
EAN	4048879665964
EAN	4048879665964
Packaging unit	1
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Operating voltage DC max.	600 V
Current operating per contact max.	9 A
Diagnostics	
Status indication LED	no
Device protection Electrical	

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Material jacket PVC Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 12,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 3,05 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 30 AWG Conductor cossesction (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 8 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s	wire arrangement	orange, green, red, white, black
Freedom from ingredients (jacket) lead-free, CFC-free Outer-diameter (jacket) 12,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 3,05 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 30 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 8 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - iacket) -50 °C	-	189,2 g/m
Outer-diameter (jacket) 12,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 3,05 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 30 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity (wire wire) 6 kV @ 60 s Power frequency withstand voltage (wire - iacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C	Material jacket	PVC
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 5 Outer diameter insulation 3.05 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 30 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 8 A Electrical resistance line constant wire 13.1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) -50 °C	Freedom from ingredients (jacket)	lead-free, CFC-free
Material wire insulationPVCAmount wires5Outer diameter insulation3.05 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)26Diameter of single wires30 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Outer-diameter (jacket)	12,7 mm
Amount wires5Outer diameter insulation3,05 mmOuter diameter tolerance core insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)26Diameter of single wires30 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)-50 °C	Tolerance outer diameter (sheath)	
Outer diameter insulation 3,05 mm Outer diameter tolerance core insulation ± 5 % Ingredient freeness wire insulation lead-free, CFC-free Amount strands (wire) 26 Diameter of single wires 30 AWG Conductor crosssection (wire) 16 AWG Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 600 V Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 8 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C	Material wire insulation	PVC
Outer diameter insulation± 5 %Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)26Diameter of single wires30 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Amount wires	5
Ingredient freeness wire insulationlead-free, CFC-freeAmount strands (wire)26Diameter of single wires30 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Outer diameter insulation	3,05 mm
Amount strands (wire)26Diameter of single wires30 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Outer diameter tolerance core insulation	±5%
Diameter of single wires30 AWGConductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Ingredient freeness wire insulation	lead-free, CFC-free
Conductor crosssection (wire)16 AWGMaterial conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Amount strands (wire)	26
Material conductor wireStranded copper wire, bareNominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Diameter of single wires	30 AWG
Nominal voltage AC max.600 VCurrent load capacity (standard)according to NFPA-70 (NEC) : 400.5(A) (1-3)Current load capacity min. wire8 AElectrical resistance line constant wire13,1 Ω/km @ 20 °CAC withstand voltage (wire - wire)6 kV @ 60 sPower frequency withstand voltage (wire - jacket)6 kV @ 60 sMin. operating temperature (static)-50 °C	Conductor crosssection (wire)	16 AWG
Current load capacity (standard) according to NFPA-70 (NEC) : 400.5(A) (1-3) Current load capacity min. wire 8 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C	Material conductor wire	Stranded copper wire, bare
Current load capacity min. wire 8 A Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C	Nominal voltage AC max.	600 V
Electrical resistance line constant wire 13,1 Ω/km @ 20 °C AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C	Current load capacity (standard)	according to NFPA-70 (NEC) : 400.5(A) (1-3)
AC withstand voltage (wire - wire) 6 kV @ 60 s Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C	Current load capacity min. wire	8 A
Power frequency withstand voltage (wire - jacket) 6 kV @ 60 s Min. operating temperature (static) -50 °C	Electrical resistance line constant wire	13,1 Ω/km @ 20 °C
jacket) 6 KV @ 60 S Min. operating temperature (static) -50 °C	AC withstand voltage (wire - wire)	6 kV @ 60 s
		6 kV @ 60 s
Max. operating temperature (fixed) 105 °C	Min. operating temperature (static)	-50 °C
	Max. operating temperature (fixed)	105 °C

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: 2025-08-03



Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	0° 00
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter

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