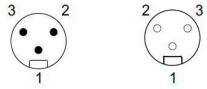
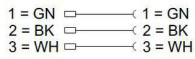


FACE VIEW MALE FACE VIEW FEMALE

Product: [RSRK 301-838](#)



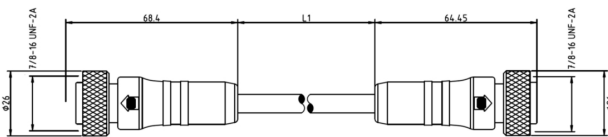
7/8" Power Double-Ended Cordset: Male straight to female straight, 3-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG



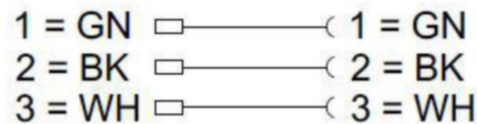
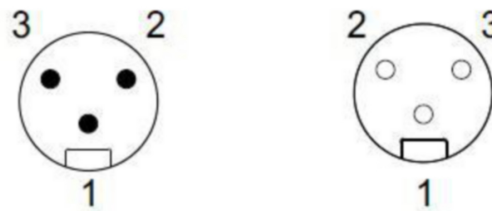
Product Description

RSRK 301-838 - 7/8" Power Double-Ended Cordset: Male straight to female straight, 3-pin, yellow body, 600 V (UL), 10 A (UL); TPE yellow cable, 16 AWG

Technical Drawing



FACE VIEW MALE FACE VIEW FEMALE



Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	600 V
Rated Current*:	10 A
Rated Current (UL)*:	10 A

Technical Data Side 1

Product Sub Family:	7/8"
Type of Contact / Gender:	Male
Connector Design:	straight
Attachment Type:	Coupling nut with internal threads
Number of Pins:	3

Coding:	A
Ambient Temperature (Operation)*:	- 30 °C - + 90 °C
Protection Degree / IP Rating**:	IP65, IP67, NEMA 6P
Contact Plating:	Au over Ag
Contact Bearer Color:	Yellow
Molded Body Material:	TPU
Molded Body Color:	Yellow
Attachment Material:	Al

Cable Data

Cable Number:	838
Conductor Size:	16 AWG (65/34)
Number of Wires:	3
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Stranded, BC
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	Ø 8 mm
Wire Insulation Material:	PVC-Nylon
Insulated Wire Diameter:	Ø 2.5 mm
Ambient Temperature (Fixed Installation):	-30 °C to +90°C
UL Cable Type:	TC-ER (90°C Dry / 75°C Wet) 600 V
Flammability Class (Cable Jacket):	FT4 / IEEC 1202
Cable Characteristics:	Oil and Coolant, Vibration, UV, Abrasion, and Weld Spark resistant, Continuous Flex

Technical Data Side 2

Product Sub Family, Side 2:	7/8"
Type of Contact / Gender, Side 2:	Female
Connector Design, Side 2:	Straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	3
Coding, Side 2:	A
Operating Temperature (UL), Side 2:	- 30 °C - + 90 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67, NEMA 6P
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Au/Ag
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	Yellow
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	Yellow
Attachment Material, Side 2:	Al
Attachment Plating, Side 2:	anodized black
Note, Side 2:	Do not connect or disconnect under load

Approvals

UL-File:	E104696
UL:	UL recognized

Safety & Environmental Compliance

RoHS Compliant:	Yes
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Resistances

Oil Resistance:	Oil Res II
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Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note Derating:	Notice derating

History

Update and Revision:	Revision Number: 0.52 Revision Date: 05-04-2023
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Variants

Item #	Item Description	Cable Length
500004599	RSRK 301-838/6M	6 m

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