



## Part Number: RSRK 20-03

7/8" Power Double-Ended Cordset: Male straight to female straight, 2-pin, orange body, 230 V AC/DC, 12 A; PVC orange cable, 0.75 mm<sup>2</sup>

### Product Description

7/8" Power Double-Ended Cordset: Male straight to female straight, 2-pin, orange body, 230 V AC/DC, 12 A; PVC orange cable, 0.75 mm<sup>2</sup>

### Technical Specifications

#### Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Rated Current:	12 A

#### Technical Data Side 1

Product Sub Family:	7/8" Circular Connectors
Type of Contact / Gender:	male
Connector Design:	straight
Attachment Type:	Coupling Screw
Number of Pins:	2
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Ambient Temperature (Operation):	-40 °C to +90 °C
Protection Degree / IP Rating:	IP68 (2h at 10 bar)
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	orange
Molded Body Material:	TPU
Molded Body Color:	orange
Attachment Material:	PA, black
Note:	Do not connect / disconnect under load.

#### Cable Data

Cable Number:	03
Conductor Size:	0.75 mm <sup>2</sup>
Number of Wires:	2
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Cu
Cable Jacket Material:	PVC
Cable Jacket Color:	orange
Cable Diameter D:	ø 6.80 ±0.20 mm

Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 2.40 mm
Ambient Temperature (Fixed Installation):	- 40 °C to +90 °C
Ambient Temperature (Flex Installation):	+ 5 °C to +90 °C
UL Cable Type:	AWM: 2654
Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL VW-1; flame-retardant and self-extinguishing

## Technical Data Side 2

Product Sub Family, Side 2:	7/8" Circular Connectors
Type of Contact / Gender, Side 2:	female
Connector Design, Side 2:	straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	2
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10 <sup>9</sup> Ohm
Ambient Temperature (Operation), Side 2:	-40 °C to +90 °C
Protection Degree / IP Rating, Side 2:	IP68 (2h at 10 bar)
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	TPU
Contact Bearer Color, Side 2:	orange
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	orange
Attachment Material, Side 2:	PA, black
Note, Side 2:	Do not connect / disconnect under load.

## Safety & Environmental Compliance

RoHS Compliant:	yes
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## Notes

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

## Variants

Item #	Item Description	Cable Length
20155	RSRK 20-03/5 M	5 m

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