



Product Description

Technical Drawing



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:	9 A

Product Sub Family:	7/8" Circular Connectors
Type of Contact / Gender:	male
Connector Design:	straight
Attachment Type:	Coupling Screw
Number of Pins:	5(4+PE)
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ 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:	04
Conductor Size:	0.50 mm²
Number of Wires:	5
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 1.80 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:	5(4+PE)
Contact Resistance, Side 2:	≤ 10 mOhm
Insulation Resistance, Side 2:	> 10^9 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
108248	RSRK 50-04/2 M	2 m
15302	RSRK 50-04/3 M	3 m
108244	RSRK 50-04/4 M	4 m
58278	RSRK 50-04/5 M	5 m
873	RSRK 50-04/7 M	7 m
200	RSRK 50-04/15 M	15 m

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