



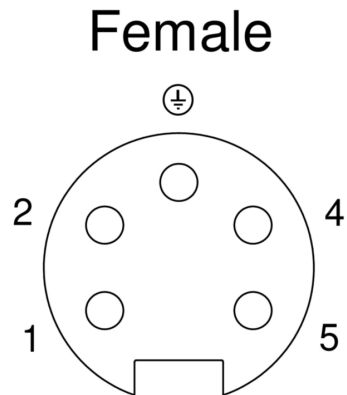
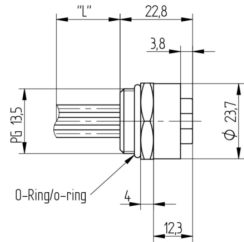
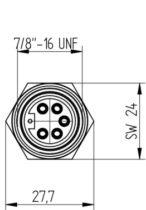
Product: [RKF 50/13.5-04](#)

7/8" Power Receptacle Connector: Female, front mount, 5-pin(4+PE), silver housing, 230 V AC/DC, 9 A, 0.50 mm²

Product Description

7/8" Power Receptacle Connector: Female, front mount, 5-pin(4+PE), silver housing, 230 V AC/DC, 9 A, 0.50 mm²

Technical Drawing



Technical Specifications

Face View

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5
black	blue	green-yellow	brown	white

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8"
Brand:	Lumberg Automation
Connector Type:	Receptacle
Type of Contact / Gender:	female
Connector Design:	front mount
Number of Pins:	5
Shielding:	Unshielded
Rated Voltage:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Rated Current*:	9 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Ambient Temperature (Operation)*:	-25 °C to +90 °C
Protection Degree / IP Rating**:	IP68
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU
Contact Bearer Color:	orange
Housing Material:	CuZn, nickel-plated
O-Ring Material:	Neoprene

Cable Data

Conductor Size:	0.5 mm ²
Number of Wires:	5
Conductor material:	Cu
Wire Insulation Material:	PVC
Insulated Wire Diameter:	ø 1.80 mm
UL Cable Type:	AWM: 1569

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Note Derating:	* Notice derating
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note:	Do not connect / disconnect under load.

Variants

Item #	Item Description	Cable Length
11272	RKF 50/13,5-04	0.3 m

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