lumbergautomation
A BELDEN BRAND



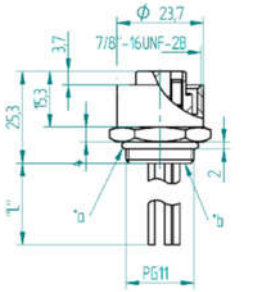
Product: RKF 40/11-02/1.7 M

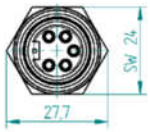
7/8" Power Receptacle Connector: Female, front mount, 4-pin, silver housing, 230 V AC/DC, 9 A, 0.50 mm²

Product Description

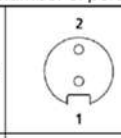
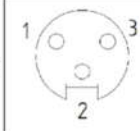
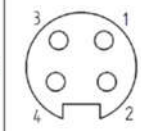
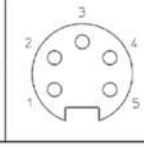
7/8" Power Receptacle Connector: Female, front mount, 4-pin, silver housing, 230 V AC/DC, 9 A, 0.50 mm²

Technical Drawing





Legende/ cutlinde
"a O-Ring/ o-ring
"b Anschlussbereich vergossen/ Solder contacts epoxy potted
"L" Standardlänge der Schaltlitze/ standard length of stranded hook-up wire

Typ/ type	Kontaktbelegung/ contact assignment		
	Polzahl/ number of poles		Farbkennung/ color code
RKF 20	2		1 = braun / brown 2 blau / blue
RKF 30	3		1 = braun / brown 2 = schwarz / black 3 = blau / blue
RKF 40	4		4 = braun / brown 5 = weiß / white 6 = blau / blue 7 = schwarz / black
RKF 50	5		1 = schwarz / black 2 = blau / blue 3 = grün-gelb / green-yellow 4 = braun / brown 5 = weiß / white

Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8" Circular Connectors
Brand:	Lumberg Automation
Connector Type:	Receptacle
Type of Contact / Gender:	female
Connector Design:	Front mount
Number of Pins:	4
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 (1h at 10 bar)
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

Number of Wires:	4
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

Notes

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

Variants

Item #	Item Description	Cable Length
97890	RKF 40/11-02/1,7 M	1.7 m

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