



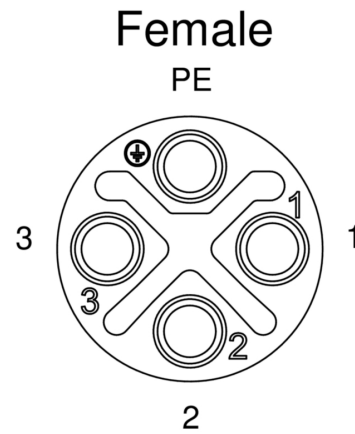
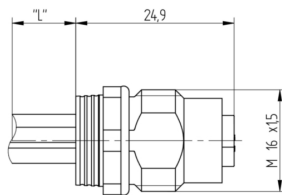
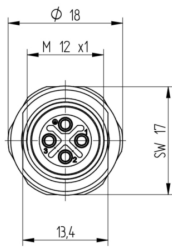
Product: [RKH6S 4S-033](#)

M12 Power Receptacle Connector: Female, rear mount, 4-pin(3+PE), S-coded, shielded, silver housing, 600 V AC/DC, 16 A

Product Description

M12 Power Receptacle Connector: Female, rear mount, 4-pin(3+PE), S-coded, shielded, silver housing, 600 V AC/DC, 16 A

Technical Drawing



Technical Specifications

Face View

Pin 1	Pin 2	Pin 3	PE
black 1	black 2	black 3	green-yellow

Technical Data

Product Family:	Power Connector
Side 1 Product Sub Family:	M12 Power
Brand:	Lumberg Automation
Connector Type:	Receptacle
Side 1 Type of Contact/Gender:	female
Connector Design:	Rear mount
Number of Pins:	4(3+PE)
Coding, Side 1:	S
Shielding Type:	Shielded
Attachment Type:	Coupling Nut
Voltage Rating:	630 V
Rated Impulse Voltage:	6.0 kV
Operating Voltage:	600 V AC/DC
Current Rating:	16 A
Rated Current (UL)*:	16 A
Contact Resistance:	≤ 10 mOhm

Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	-40 °C to +125 °C, notice derating
Protection Degree / IP Rating**:	IP65, IP67
Design Standard:	IEC 61076-2-111
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuNi
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	PBT GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-2
Housing Material:	CuZn
Housing Plating:	Ni
Housing Color:	silver
Attachment Material:	CuZn
Attachment Plating:	Cu/Ni
Shielding Material:	CuZn, plating: Ni
O-Ring Material:	FKM

Cable Data

Insulated Wire Diameter:	1.75 mm²
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Approvals

UL-File:	E497237
UL:	cULus

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.

Variants

Item #	Item Description	Cable Length
30593	RKH6S 4S-033/0,13 M	
934980603	RKH6S 4S-033/0,2 M	0.2 m
934980607	RKH6S 4S-033/0,5 M	0.5 m

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