



violet	red	grey	red-blue	green	blue	grey-pink	white-green	white-yellow	white-grey	black	green-yellow	yellow-brown	brown-green	white	yellow	pink	grey-brown	brown
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## Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Unshielded
Rated Voltage:	125 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	120 V AC/DC
Rated Current*:	16 x 8 A (pin-Ø 1 mm), 3 x 10 A (contact-Ø 1.5 mm)

## Technical Data Side 1

Product Sub Family:	M23 Power
Type of Contact / Gender:	male
Connector Design:	straight
Attachment Type:	External thread fixed
Number of Pins:	19
Insulation Resistance:	> 10 <sup>9</sup> Ohm
Mating Cycles:	≤ 100
Ambient Temperature (Operation)*:	-25°C to +80°C
Protection Degree / IP Rating**:	IP67
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category:	II acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	PBT
Contact Bearer Color:	white
Flammability Class (Contact Bearer):	UL 94 V0
Molded Body Material:	TPU
Molded Body Color:	yellow
Flammability Class (Molded Body):	UL 94-HB
Attachment Material:	CuZn, nickel-plated
O-Ring Material:	FKM
Note:	Do not connect / disconnect under load.

## Cable Data

Cable Number:	S4740
Conductor Size:	16x0.5mm <sup>2</sup> + 3x1.0 mm <sup>2</sup>
Number of Wires:	19
Minimal Bending Radius (Fixed Inst):	> 5 x D
Minimal Bending Radius (Flexible Inst):	> 10 x D
Conductor material:	Cu
Cable Jacket Material:	TPE
Cable Jacket Color:	yellow
Cable Diameter D:	Ø 11.60 ±0.30 mm
Wire Insulation Material:	PP
Insulated Wire Diameter:	16x Ø1.45 mm + 3x Ø1.95 mm
Ambient Temperature (Fixed Installation):	-25°C to +80°C
Ambient Temperature (Flex Installation):	-5°C to +80°C
UL Cable Type:	AWM: 20841

## Technical Data Side 2

Product Sub Family, Side 2:	M23 Power
Type of Contact / Gender, Side 2:	female
Connector Design, Side 2:	angled

Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	19
Insulation Resistance, Side 2:	> 10 <sup>9</sup> Ohm
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	-25°C to +80°C
Protection Degree / IP Rating, Side 2**:	IP67
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance, Side 2:	acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	II acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	16 x CuSn/3 x CuZn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	PA 66
Contact Bearer Color, Side 2:	black
Flammability Class (Contact Bearer), Side 2:	UL 94-HB
Molded Body Material, Side 2:	TPU
Molded Body Color, Side 2:	yellow
Flammability Class (Molded Body), Side 2:	UL 94-HB
Attachment Material, Side 2:	CuZn, nickel-plated
O-Ring Material, Side 2:	FKM
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 Automation connector.
Note Derating:	* Notice derating
Particularities:	When the connector is unlocked and in risk of pollution the connector has to be covered with a protective cap ≥ IP54.

## Variants

Item #	Item Description	Cable Length
15442	RSUF 19-RKWU 19-S4740/2 M	2 m
9361	RSUF 19-RKWU 19-S4740/5 M	5 m
9360	RSUF 19-RKWU 19-S4740/10 M	10 m
16917	RSUF 19-RKWU 19-S4740/12 M	12 m

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