



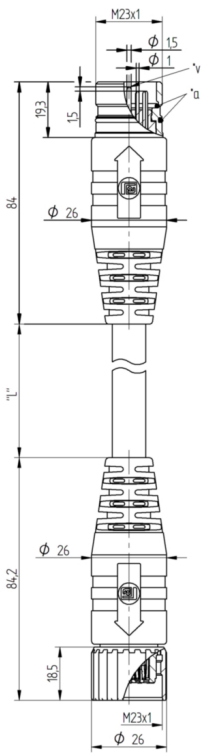
Part Number: RSUF 19-RKU 19-S4740

M23 Power Double-Ended Cordset: Male straight to female straight, 19-pin, yellow body, 120 V AC/DC, 16x8 A + 3x10 A; TPE yellow cable, 16x0.5 mm² + 3x1.0 mm²

Product Description

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Technical Drawing



Typ/ type	Kontaktbelegung/ contact assignment	
	Polzahl/ number of poles	Farbkennung/ color code
RSUF 19		1 violett / violet
		2 rot / red
		3 grau / grey
		4 rot-blau / red-blue
		5 grün / green
		6 blau / blue
		7 grau-rosa / grey-pink
		8 weiß-grün / white-green
		9 weiß-gelb / white-yellow
		10 weiß-grau / white-grey
RKU 19		11 schwarz / black
		12 gelb-grün / yellow-green
		13 gelb-braun / yellow-brown
		14 braun-grün / brown-green
		15 weiß / white
		16 gelb / yellow
		17 rosa / pink
		18 grau-braun / grey-brown
		19 braun / brown

Legende/ cutlinde
 'a' O-Ring/ o-ring
 'v' voretellend/ leading
 'L' Standardlänge der Steuerteilung
 standard length of cable

Technical Specifications

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
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Type of Contact / Gender:	male
Connector Design:	straight
Attachment Type:	External thread fixed
Number of Pins:	19
Insulation Resistance:	> 10 ⁹ 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 ² + 3x1.0 mm ²
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:	straight
Attachment Type, Side 2:	Coupling Nut
Number of Pins, Side 2:	19
Insulation Resistance, Side 2:	> 10 ⁹ 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 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 \geq IP54.

Variants

Item #	Item Description	Cable Length
16919	RSUF 19-RKU 19-S4740/5 M	5 m
12825	RSUF 19-RKU 19-S4740/10 M	10 m
12826	RSUF 19-RKU 19-S4740/15 M	15 m

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