



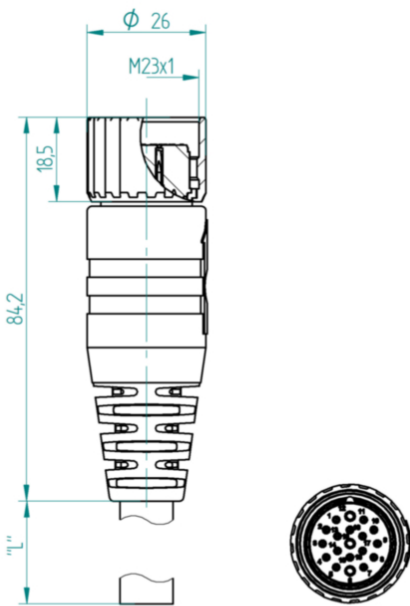
Part Number: RKU 19-S4740

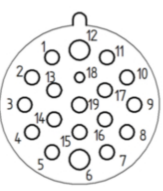
M23 Power Single-Ended Cordset: Female, straight, 19-pin, yellow body, 120 V AC/DC, 16x8 A + 3x10 A; TPE yellow cable, 16x0.5 mm² + 3x1.0 mm²

Product Description

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

Technical Drawing



Polzahl/ number of poles	Farbkennung/ color code
	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
	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

Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	M23 Power
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	female
Connector Design:	straight
Number of Pins:	19
Shielding:	Unshielded
Attachment Type:	Coupling Nut
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)
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)

Materials

Contact Base Material:	16 x CuSn/3 x CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	PA 66
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94-HB
Molded Body Material:	TPU
Molded Body Color:	yellow
Flammability Class (Molded Body):	UL 94-HB
Attachment Material:	CuZn, nickel-plated
O-Ring Material:	FKM

Cable Data

Cable Number:	S4740
Conductor Size:	16x0.5mm² + 3x1.0 mm²
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

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
Note:	Do not connect / disconnect under load.
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
6714	RKU 19-S4740/5 M	5 m
9362	RKU 19-S4740/10 M	10 m
6713	RKU 19-S4740/15 M	15 m
9549	RKU 19-S4740/20 M	20 m

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