



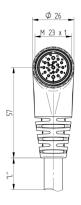
Product: RKWU 19-242 ☑

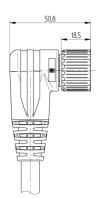
M23 Power Single-Ended Cordset: Female, angled, 19-pin, black body, 120 V AC/DC, 16x8 A + 3x10 A; PUR black cable, 16x0.5 mm² + 3x1.0 mm²

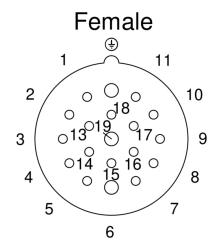
Product Description

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

Technical Drawing







Technical Specifications

Face View

Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9	Pin 10	Pin 11	Pin 12	Pin 13	Pin 14	Pin 15	Pin 16	Pin 17	Pin 18	Pin 19
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

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:	angled
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:	black
Flammability Class (Molded Body):	UL 94-HB
Attachment Material:	CuZn, nickel-plated
O-Ring Material:	FKM

Cable Data

Cable Number:	242
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
Cycles (Bending):	> 2 M
Conductor material:	Cu
Cable Jacket Material:	PUR
Cable Jacket Color:	black
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):	-50°C to +80°C
Ambient Temperature (Flex Installation):	-25°C to +80°C
Ambient Temperature (Drag Chain Inst):	max. +60°C
UL Cable Type:	AWM: 21198 / 20549
Flammability Class (Cable Jacket):	IEC 60332-2, VDE 0482-265-2-2, EN 50265-2-2, FT2; flame-retardant

Safety & Environmental Compliance

RoHS Compliant:	yes

Resistances

Halogenfree:	IEC 60754-1, VDE 0482-267, EN 50267-2-1

Notes

Note Derating:	* Notice derating			
Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.			
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
934636535	RKWU 19-242/1 M	1 m
61260	RKWU 19-242/2 M	2 m
60706	RKWU 19-242/5 M	5 m
60693	RKWU 19-242/10 M	10 m
60694	RKWU 19-242/15 M	15 m
60695	RKWU 19-242/20 M	20 m
61213	RKWU 19-242/25 M	25 m
61216	RKWU 19-242/30 M	30 m

61218	RKWU 19-242/35 M	35 m
61214	RKWU 19-242/40 M	40 m
91618	RKWU 19-242/50 M	50 m

© 2021 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Sensor Cables / Actuator Cables category:

Click to view products by Lumberg manufacturer:

Other Similar products are found below:

```
60963 60964 M83513/19-F01CP 703000D02F2002 703000D02F300 703001D02F0602 703001D02F300 704000D02F120 773032K02F030 802027107404-1 802027213811-1 804001A09M150 805001A09M0502 84914-0235 84914-0237 885030A09M020 1200651332 1200651713 1200660844 1200660845 1200661173 1200680071 1200720053 1200720081 1200720099 1200720217 1200800231 1200860125 1200870123 1200980102 1200650267 1200650298 1200660183 1200660782 1200660849 1200661295 1200661297 1200661342 1200661343 1200670080 1200670220 1200680331 1200720252 1200730184 1200860344 1200870359 1200870643 1200980008 1200980031 1210502211
```