

## Power cable - SAC-2P-MINMS/ 5,0-U20/MINFS - 1416771

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Power cable, 2-position, PVC, yellow, Plug straight 7/8"-16UNF, A - standard, on Socket straight 7/8"-16UNF, A - standard, cable length: 5 m

### Why buy this product

- Easy and safe: 100% electrically tested plug-in components
- High-performance: connectors and cables with a large conductor cross section for power supply

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 223407
GTIN	4055626223407

### Technical data

#### Dimensions

Length of cable	5 m
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#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 105 °C (Plug / socket)
Degree of protection	IP68

#### General

Rated current at 40°C	13 A
Rated voltage	600 V AC 600 V DC
Number of positions	2
Color handle area	yellow
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No

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## Technical data

### General

Protective circuit/component	Unwired
Insertion/withdrawal cycles	100
Torque	10 lb <sub>F</sub> -in.
	1.12 Nm

### Material

Contact material	CuZn
Contact surface material	AU
Contact carrier material	PVC
Material of grip body	PVC
Material, knurls	Anodized aluminum

### Cable

Cable type	Yellow, STOOW
Cable abbreviation	U20
AWG signal line	16
Conductor cross section signal conductor	2 x AWG 16
Conductor cross section voltage supply	65 x AWG 32
Wire colors	White 1, black 2
External sheath, color	yellow
External cable diameter	9.40 mm
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	12.5 x D
Outer sheath, material	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	600 V
Flame resistance	UL 1581, FT2
Resistance to oil	Premium oil resistance (jacket and conductor)
Other resistance	UV resistant (720 h) UL 2556
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-30 °C ... 105 °C (cable, flexible installation)

### Standards and Regulations

Flame resistance	UL 1581, FT2
Resistance to oil	Premium oil resistance (jacket and conductor)
Other resistance	UV resistant (720 h) UL 2556

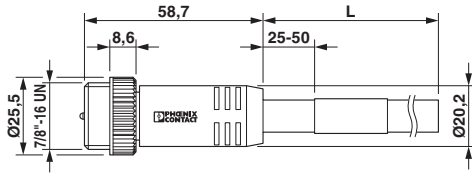
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

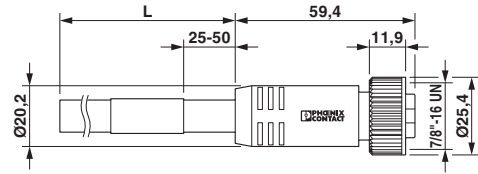
# Power cable - SAC-2P-MINMS/ 5,0-U20/MINFS - 1416771

Dimensional drawing



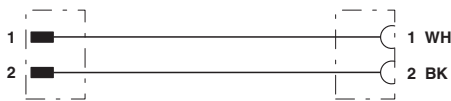
7/8"-16UNF plug, straight

Dimensional drawing



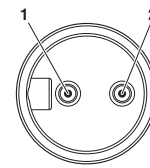
7/8"-16UNF socket, straight

Circuit diagram



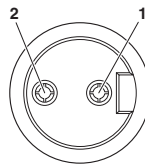
Contact assignment of 7/8" plugs/sockets

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 2-pos., view of male side

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 2-pos., view of female side

## Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

## Approval details

UL Listed





<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 221474

## Power cable - SAC-2P-MINMS/ 5,0-U20/MINFS - 1416771

### Approvals

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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cULus Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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