

## Power cable - SAC-3P- 5,0-U20/MINFS - 1416777

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Power cable, 3-position, PVC, yellow, free cable end, on Socket straight 7/8"-16UNF, 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

RoHS

### Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	1.000 g
Custom tariff number	85444290
Country of origin	Mexico

### 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
Number of positions	3
Insulation resistance	≥ 100 MΩ
Insertion/withdrawal cycles	100

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### Technical data

#### General

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	Aluminum

#### Cable

Cable type	Yellow, ST00W
Cable abbreviation	U20
AWG signal line	16
Conductor cross section signal conductor	3 x AWG 16
Conductor cross section voltage supply	65 x AWG 32
Wire colors	Green 1, black 2, white 3
External sheath, color	yellow
External cable diameter	10.40 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
	CSA FT2
Resistance to oil	Premium oil resistance (jacket and conductor)

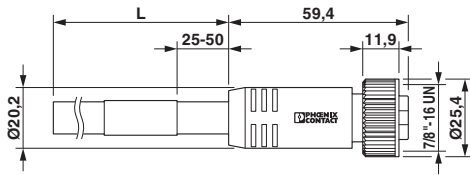
#### Standards and Regulations

Resistance to oil	Premium oil resistance (jacket and conductor)
Flame resistance	UL 1581, FT2
	CSA FT2

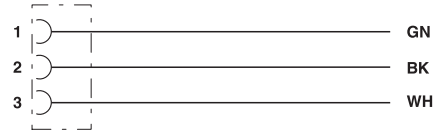
#### Drawings

# Power cable - SAC-3P- 5,0-U20/MINFS - 1416777

Dimensional drawing



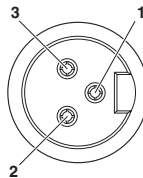
Circuit diagram



Contact assignment of the 7/8" connector and the 7/8" socket

7/8"-16UNF socket, straight

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

## Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

## Approval details

UL 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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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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### Approvals

cULus Listed



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