

## Power cable - SAC-6P- 2,0-547/MINFS - 1416655

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Power cable, 6-position, PVC, yellow, free cable end, on Socket straight 7/8"-16UNF, cable length: 2 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         | <br>4 055626 221953 |
| GTIN         | 4055626221953   |

### Technical data

#### Dimensions

|                 |     |
|-----------------|-----|
| Length of cable | 2 m |
|-----------------|-----|

#### Ambient conditions

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

#### General

|                       |                      |
|-----------------------|----------------------|
| Rated current at 40°C | 8 A                  |
| Rated voltage         | 300 V AC<br>300 V DC |
| Number of positions   | 6                    |
| Color handle area     | yellow               |
| Insulation resistance | ≥ 100 MΩ             |
| Coding                | A - standard         |
| Status display        | No                   |

# Power cable - SAC-6P- 2,0-547/MINFS - 1416655

## 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                               | ITC/PLTC  |
| Cable abbreviation                       | 547   |
| AWG signal line                          | 18  |
| Conductor cross section signal conductor | 6 x AWG 18  |
| Conductor cross section voltage supply   | 41 x AWG 34   |
| Wire colors                              | Green 1, white 2, blue 3, gray 4, yellow 5, brown 6 |
| External sheath, color                   | yellow  |
| External cable diameter                  | 7.29 mm   |
| Outer sheath, material                   | PVC   |
| Conductor material                       | Bare Cu litz wires                                  |
| Nominal voltage, cable                   | 300 V   |
| Flame resistance                         | UL 1581, FT4  |
| Other resistance                         | UV resistant (720 h) UL 2556                        |
| Ambient temperature (operation)          | -30 °C ... 105 °C (cable, flexible installation)    |

### Standards and Regulations

|                  |                              |
|------------------|------------------------------|
| Flame resistance | UL 1581, FT4                 |
| Other resistance | UV resistant (720 h) UL 2556 |

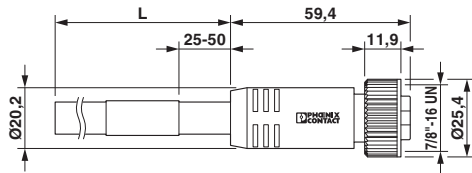
### Environmental Product Compliance

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

## Drawings

# Power cable - SAC-6P- 2,0-547/MINFS - 1416655

Dimensional drawing



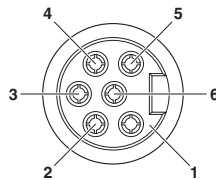
7/8"-16UNF socket, straight

Circuit diagram



Contact assignment of 7/8" socket

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 6-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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|            |  |   |               |
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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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