

## Power cable - SAC-6P-MINMS/ 2,0-547 - 1416671

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Power cable, 6-position, PVC, yellow, Plug straight 7/8"-16UNF, on free cable end, 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     |
| Weight per Piece (excluding packing) | 440.000 g |
| Custom tariff number                 | 85444290  |
| Country of origin                    | Mexico    |

### 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        |
| Number of positions   | 6            |
| 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                               | 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)                                |

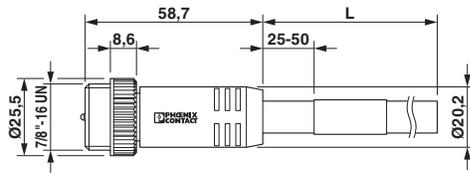
### Standards and Regulations

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

### Drawings

# Power cable - SAC-6P-MINMS/ 2,0-547 - 1416671

Dimensional drawing



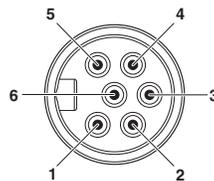
7/8"-16UNF plug, straight

Circuit diagram



Contact assignment of 7/8" plug

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 6-pos., view of male side

## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |

ETIM

|          |          |
|----------|----------|
| ETIM 6.0 | EC001855 |
|----------|----------|

## Accessories

Accessories

Conductor marking

Insert label - PABA WH/15 - 1013151



Insert label, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

## Power cable - SAC-6P-MINMS/ 2,0-547 - 1416671

### Accessories

Insert label - PABA YE/15 - 1013698



Insert label, Strip, yellow, unlabeled, can be labeled with: CMS-P1-PLOTTER, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

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Insert label - PABA RD/15 - 1013944



Insert label, Strip, red, unlabeled, can be labeled with: CMS-P1-PLOTTER, Mounting type: Thread on, Cable diameter: 0.6-50 mm, Lettering field: 15 x 4 mm

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### Marker carrier cable

Conductor marker carrier - PATO 2/15 - 1013122



Conductor marker carrier, transparent, unlabeled, Mounting type: clip on, Cable diameter: 2.8-4.4 mm, Lettering field: 4 x 15 mm

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Conductor marker carrier - PATO 3/15 - 1013135



Conductor marker carrier, transparent, unlabeled, Mounting type: clip on, Cable diameter: 4.4-6.7 mm, Lettering field: 4 x 15 mm

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Conductor marker carrier - PATO 4/15 - 1013148



Conductor marker carrier, transparent, unlabeled, Mounting type: clip on, Cable diameter: 6.7-10 mm, Lettering field: 4 x 15 mm

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### Accessories

#### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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#### Protective cap

Sealing cap - PROT-MINFS-PA-CHAIN - 1430912

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" connectors



Screw plug - PROT-MINMS-PA-CHAIN - 1430925

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" sockets



#### Screwdriver tools

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

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## Power cable - SAC-6P-MINMS/ 2,0-547 - 1416671

### Accessories

Tool - SAC BIT MIN-D25 - 1212512



Nut for assembling 7/8" connectors with a knurl diameter of 25 mm, with 4 mm hexagonal drive

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### Torque tool

Torque screwdriver - TSD 08 SAC - 1212597



Torque screw driver with preset torque of 0.8 Nm, with 4 mm hexagon for accommodating SAC bits, two-component handle with non-slip grip

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Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm