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Power cable - SAC-5P- 5,0-430/MINFS PWR - 1443323

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Power cable, 5-position, PVC, gray RAL 7001, free cable end, on Socket straight 7/8"-16UNF, Cable length: 5 m, 1.5 mm² conductor cross section, For power supply

Why buy this product

- Easy and safe: 100% electrically tested plug-in components
- Robust connectors in size 7/8"-16UNF
- High-performance: connectors and cables with a large conductor cross section for power supply

Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 046356 536882 |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 5 m |
|-----------------|-----|

Ambient conditions

| | |
|---------------------------------|---------------------------|
| Ambient temperature (operation) | -40 °C ... 90 °C (Socket) |
| Degree of protection | IP65 |
| | IP67 |
| | IP68 |

General

| | |
|------------------------------|--------------|
| Rated current at 40°C | 10 A |
| Rated voltage | 600 V |
| Rated surge voltage | 4000 V |
| Number of positions | 5 |
| Insulation resistance | ≥ 10 MΩ |
| Coding | A - standard |
| Status display | No |
| Protective circuit/component | Unwired |
| Overvoltage category | II |
| Degree of pollution | 3 |

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Technical data

General

| | |
|---|------------------|
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 class 5 |
| Insertion/withdrawal cycles | 100 |

Material

| | |
|--|------------------------------|
| Flammability rating according to UL 94 | HB |
| Contact material | CuZn |
| Contact surface material | AU |
| Contact carrier material | PA 66 |
| Material of grip body | TPU |
| Material, knurls | Zinc die-cast, nickel-plated |

Standards and Regulations

| | |
|--|----------------------------------|
| Flame resistance | UL 1581, Sec. 1061 (Cable Flame) |
| | IEC 60332-1-2 |
| Flammability rating according to UL 94 | HB |

Cable

| | |
|---|--|
| Cable type | PVC gray |
| Cable type (abbreviation) | 430 |
| UL AWM style | 21098 (90 °C / 600 V) |
| Conductor cross section | 5x 1.5 mm ² |
| AWG signal line | 16 |
| Conductor structure, voltage supply | 30x 0.25 mm |
| Wire colors | Black 1, black 2, black 3, black 4, green/yellow |
| Overall twist | 5 cores, twisted |
| External sheath, color | gray RAL 7001 |
| External cable diameter D | 10 mm |
| Minimum bending radius, fixed installation | 4 x D |
| Minimum bending radius, flexible installation | 12.5 x D |
| Cable weight | 168 kg/km |
| Outer sheath, material | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Nominal voltage, cable | 600 V |
| Test voltage, cable | 3000 V |
| Flame resistance | UL 1581, Sec. 1061 (Cable Flame) |
| | IEC 60332-1-2 |
| Resistance to oil | good oil-resistance |
| Ambient temperature (operation) | -40 °C ... 90 °C (cable, fixed installation) |
| | -5 °C ... 90 °C (cable, flexible installation) |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000830 |
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 31251501 |

Approvals

Approvals

Approvals

EAC / cULus Listed

Ex Approvals

Approvals submitted

Approval details

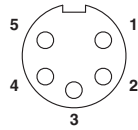
| |
|-----|
| EAC |
|-----|

| |
|--------------|
| cULus Listed |
|--------------|

Power cable - SAC-5P- 5,0-430/MINFS PWR - 1443323

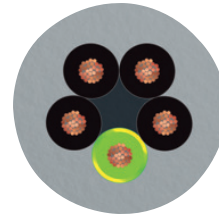
Drawings

Schematic diagram



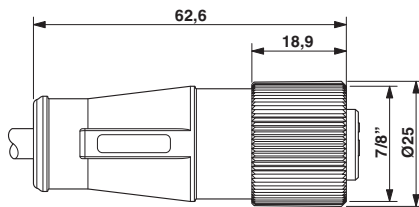
Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

Cable cross section



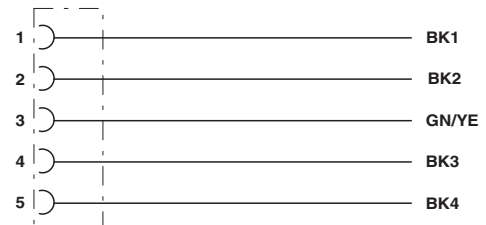
PVC gray [430]

Dimensional drawing



7/8"-16UNF socket, straight

Circuit diagram



Contact assignment of 7/8" socket

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



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