

Power cable - SAC-3P-MRS/ 1,0-PVC PE SCO - 1411640

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Power cable, 3-position, PVC, black, Plug angled M12 SPEEDCON, S-coded, on free cable end, Cable length: 1 m, For AC current up to 16 A/230 V

Why buy this product

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ High-performance: AC connectors for up to 16 A and 230 V AC
- ✓ Protection against incorrect connection using special S-coding
- ✓ Save time, thanks to installation with SPEEDCON fast locking system



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 937443 |
| Weight per Piece (excluding packing) | 22.22 g |
| Custom tariff number | 85444290 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|-----------------|-----|
| Length of cable | 1 m |
|-----------------|-----|

Ambient conditions

| | |
|---------------------------------|-----------------------------------|
| Ambient temperature (operation) | -25 °C ... 105 °C (Plug / socket) |
| Degree of protection | IP67 |

General

| | |
|-----------------------|--------|
| Rated current at 40°C | 16 A |
| Rated voltage | 230 V |
| Number of positions | 3 |
| Contact resistance | ≤ 3 mΩ |

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Technical data

General

| | |
|------------------------------|------------------------|
| Insulation resistance | > 100 MΩ |
| Coding | S power |
| Status display | No |
| Protective circuit/component | Unwired |
| Surge voltage category | III |
| Pollution degree | 3 |
| Insertion/withdrawal cycles | > 100 |
| Torque | 0.4 Nm (M12 connector) |

Material

| | |
|---|---|
| Inflammability class according to UL 94 | V0 |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Material, knurls | Zinc die-cast, nickel-plated |

Cable

| | |
|---|--------------------------------|
| Cable type | PVC black |
| Cable type (abbreviation) | PVC |
| Cable abbreviation | LSYwYw-JZ |
| UL AWM style | 2517 (105°C/300 V) |
| Conductor cross section | 3x 1.5 mm ² |
| AWG power supply | 16 |
| Conductor structure, voltage supply | 30x 0.25 mm |
| Core diameter including insulation | 2.4 mm ±0.1 mm |
| Wire colors | black 1, black 2, green/yellow |
| Overall twist | 3 wires, twisted |
| External sheath, color | black |
| External cable diameter D | 6.8 mm ±0.2 mm |
| Minimum bending radius, fixed installation | 5 x D |
| Minimum bending radius, flexible installation | 12 x D |
| Cable weight | 80 kg/km |
| Outer sheath, material | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Insulation resistance | ≥ 10 MΩ*km (at 20 °C) |
| Conductor resistance | ≤ 13.3 Ω/km (at 20 °C) |
| Nominal voltage, cable | 300 V AC |
| Test voltage, cable | 2000 V AC |
| Flame resistance | According to IEC 60332-1 |
| | According to DIN EN 60332-1-2 |

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Technical data

Cable

| | |
|---------------------------------|--|
| | According to VW-1 |
| | According to FT1 |
| Ambient temperature (operation) | -40 °C ... 90 °C (cable, fixed installation) |
| | -5 °C ... 90 °C (cable, flexible installation) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 8.0 | 27279218 |

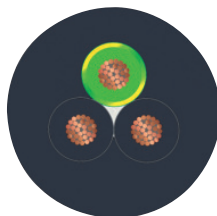
ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 |

Drawings

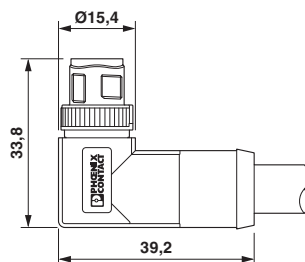
Schematic diagram

Cable cross section



Pin
assignment
of
M12
plug,
3-
pos.,
PVC black [PVC]
coded,
view
of
pin
side

Dimensioned drawing



M12 x 1 male plug, angled

