

## Power cable - SAC-3P-MSS/ 2,0-PVC PE SCO - 1411637

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Power cable, 3-position, PVC, black, Plug straight M12 SPEEDCON, S-coded, on free cable end, Cable length: 2 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 STK
GTIN	 4 046356 937375
GTIN	4046356937375

### Technical data

#### Dimensions

Length of cable	2 m
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#### 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
Rated surge voltage	2 kV
Number of positions	3
Insulation resistance	> 100 MΩ
Coding	S power

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## Technical data

### General

Status display	No
Protective circuit/component	Unwired
Overvoltage category	III
Degree of pollution	3
Insertion/withdrawal cycles	> 100
Torque	0.4 Nm (M12 connector)

### Material

Flammability rating 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

### Standards and Regulations

Flammability rating according to UL 94	V0
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### 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 <sup>2</sup>
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

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## Technical data

### Cable

	According to DIN EN 60332-1-2
	According to VW-1
	According to FT1
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 90 °C (cable, flexible installation)

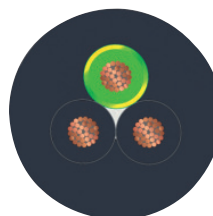
## Drawings

Schematic diagram



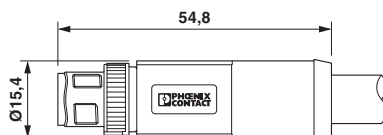
Pin assignment of M12 plug, 3-pos., S-coded, view of pin side

Cable cross section



PVC black [PVC]

Dimensional drawing



Plug, M12 x 1, straight, shielded

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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>