

## Power cable - SAC-3P-MSS/ 1,0-PVC PE SCO - 1411636

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Power cable, 3-position, PVC, black, Plug straight 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 937436
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
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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
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 <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
	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

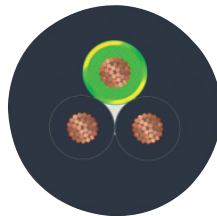
### ETIM

ETIM 4.0	EC001855
ETIM 5.0	EC001855

## Drawings

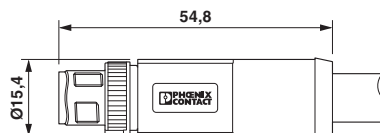
### Schematic diagram

### Cable cross section



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

### Dimensioned drawing



M12 x 1 plug, straight

