

# SAC-3P- 3,0-PVC/M12FRS PE DMG1 - Power cable



1423359

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Power cable, 3-position, PVC, black, cable length: 3 m, Customer version

## Commercial data

Item number	1423359
Packing unit	1 pc
Minimum order quantity	10 pc
Product key	AF1CBB
GTIN	4055626347257
Weight per piece (including packing)	282.3 g
Weight per piece (excluding packing)	282.3 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Power cable
Number of positions	3

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

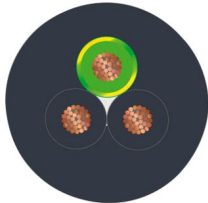
### Electrical properties

Nominal voltage $U_N$	230 V AC
	230 V DC
Nominal current $I_N$	12 A

### Cable/line

Cable length	3 m
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### PVC black [PVC]

Dimensional drawing	
Cable weight	80 kg/km
UL AWM Style	2517 (105 °C / 300 V)
Number of positions	3
Shielded	no
Cable type	PVC black [PVC]
Conductor structure, voltage supply	30x 0.25 mm
AWG power supply	16
Conductor cross-section	3x 1.5 mm <sup>2</sup>
Wire diameter incl. insulation	2.4 mm ±0.1 mm
External cable diameter	6.80 mm ±0.2 mm
Outer sheath, material	PVC
External sheath, color	black
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	black 1, black 2, green/yellow
Overall twist	3 wires, twisted
Max. conductor resistance	≤ 13.3 Ω/km (at 20 °C)

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Insulation resistance	≥ 10 MΩ*km (at 20 °C)
Nominal voltage, cable	300 V AC
Test voltage	2000 V AC
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	12 x D
Smallest bending radius, fixed installation	34 mm
Smallest bending radius, movable installation	82 mm
Flame resistance	according to IEC 60332-1
	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)

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
	IP67 (without preloading, as additional test in accordance with IEC 60529)

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## Classifications

### ECLASS

ECLASS-13.0	27060327
ECLASS-15.0	27060327

### UNSPSC

UNSPSC 21.0	31251501
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