

Power cable - SAC-4P-15,0-PUR/M12FSS PE - 1100843


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Power cable, 3-position, PUR halogen-free, black-gray RAL 7021, Socket straight M12, coding: S, on free cable end, cable length: 15 m, for AC current up to 16 A/230 V



RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 055626 956183
GTIN	4055626956183
Weight per Piece (excluding packing)	1,620.000 g
Custom tariff number	85444290
Country of origin	Poland

Technical data

Dimensions

Length of cable	15 m
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Ambient conditions

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

General

Rated current at 40°C	12 A
Rated voltage	690 V AC
Number of positions	3
Overvoltage category	III
Degree of pollution	3
Torque	0.4 Nm

Cable

Cable type	PUR halogen-free black
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Technical data

Cable

Cable type (abbreviation)	PUR
Cable abbreviation	Li9YV1-11Y
UL AWM style	20234 / 10492 (80°C/1000 V)
Conductor cross section	4x 1.5 mm ²
AWG power supply	16
Conductor structure, voltage supply	78x 0.15 mm
Core diameter including insulation	2.45 mm ±0.05 mm
Thickness, insulation	≥ 0.36 mm
Wire colors	Black 1, black 2, black 3, green/yellow
Overall twist	4 wires, twisted
Length of twist, overall twist	93 mm
External sheath, color	black-gray RAL 7021
Outer sheath thickness	approx. 1.3 mm
External cable diameter D	8.8 mm ±0.25 mm
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Number of bending cycles	2000000
Minimum bending radius, drag chain applications	10 x D
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s ²
Cable weight	114 kg/km
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 1 GΩ*km (at 20 °C)
Conductor resistance	≤ 13 Ω/km (at 20 °C)
Nominal voltage, cable	≤ 1000 V AC
Test voltage, cable	≥ 10000 V AC (Spark test)
Other resistance	Hydrolysis and microbe resistant as per VDE 0282 section 10
	Low adhesion
	abrasion-resistant
	Resistant to salt water
Flame resistance	According to UL 758/1581 (Cable Flame)
	according to UL 758/1581 FT1
	According to DIN EN 60332-1-2
Halogen-free	in accordance with DIN VDE 0472 part 815

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Technical data

Cable

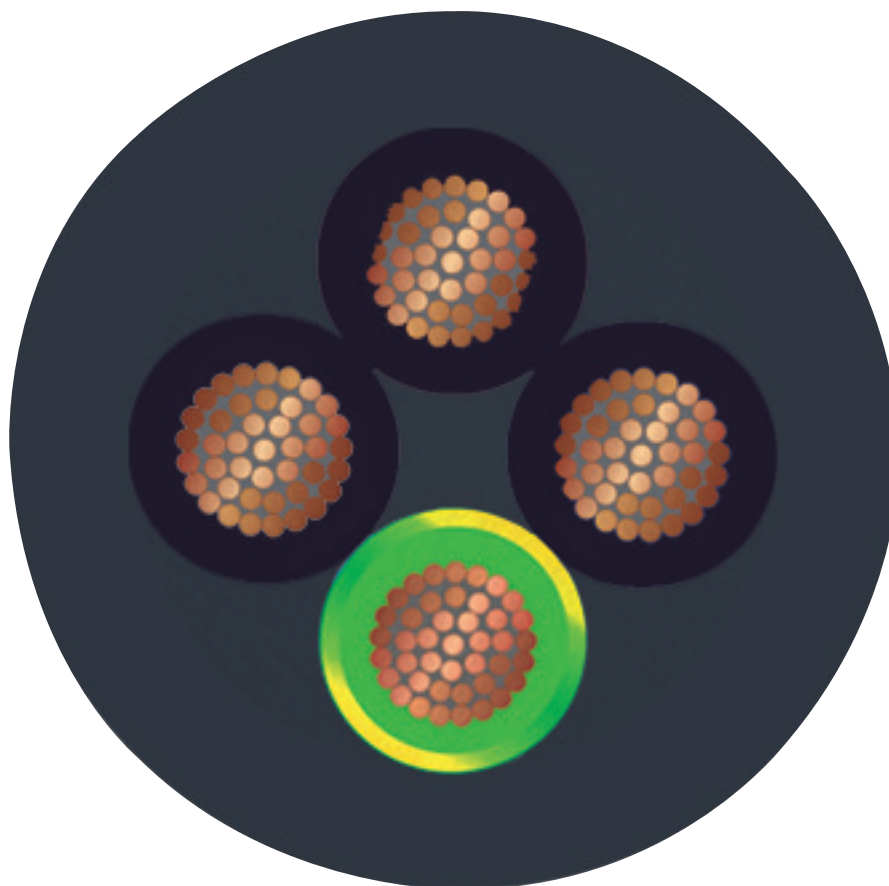
	in accordance with DIN EN 50267-2-1
Resistance to oil	According to DIN EN 60811-2-1, 168 h at 100°C
	According to UL 758, 168 h at 60°C
Ambient temperature (operation)	-50 °C ... 80 °C (cable, fixed installation)
	-30 °C ... 80 °C (Cable, flexible installation)

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Drawings

Cable cross section



PUR halogen-free black [PUR]

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Classifications

eCl@ss

eCl@ss 10.0.1	27060311
eCl@ss 11.0	27060311
eCl@ss 9.0	27060311

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.BL08.B.00286
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