

Power cable - SAC-3P-M12MRS/ 5,0-PVC PE WD - 1423056

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Power cable, 3-position, PVC, black, cable length: 5 m, for AC current up to 16 A/230 V

Your advantages

- ✓ 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	50 pc
GTIN	 4 055626 327334
GTIN	4055626327334

Technical data

Dimensions

Length of cable	5 m
-----------------	-----

General

Rated current at 40°C	16 A
Rated voltage	230 V AC
Number of positions	3
Coding	S power
Status display	No
Protective circuit/component	unwired
Overvoltage category	III
Degree of pollution	3

Material

Power cable - SAC-3P-M12MRS/ 5,0-PVC PE WD - 1423056

Technical data

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
--	----

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
	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 Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Power cable - SAC-3P-M12MRS/ 5,0-PVC PE WD - 1423056

Technical data

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

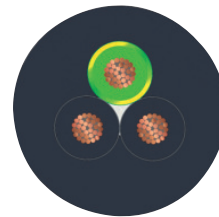
Drawings

Schematic diagram



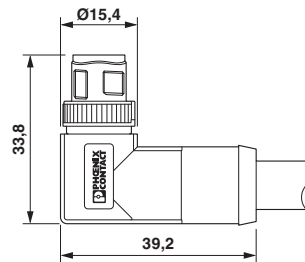
Pin assignment of M12 plug, 3-pos., S-coded, view of pin side

Cable cross section



PVC black [PVC]

Dimensional drawing



M12 x 1 male plug, angled

Approvals

Approvals

Approvals


UL Listed / cUL Listed / cULus Listed


Ex Approvals


Approval details

Power cable - SAC-3P-M12MRS/ 5,0-PVC PE WD - 1423056

Approvals

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E468743
Nominal voltage UN		300 V	
Nominal current IN		12 A	
mm ² /AWG/kcmil		16	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E468743
Nominal voltage UN		300 V	
Nominal current IN		12 A	
mm ² /AWG/kcmil		16	

cULus Listed	
--------------	---

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
 Flachsmarktstr. 8
 32825 Blomberg
 Germany
 Tel. +49 5235 300
 Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1423056](#)