

SAC-5P-100,0-150/0,34+0,5 - Cable reel



1501760

<https://www.phoenixcontact.com/us/products/1501760>

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 documentation. Our general terms of use for downloads are valid.

By the meter, Cable reel, PUR halogen-free, orange RAL 2003, 5-wire, color single wire: brown, white, blue, black, green-yellow, cable length: 100 m, irradiated



Commercial data

Item number	1501760
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LBA
GTIN	4017918813475
Weight per piece (including packing)	3,905 g
Weight per piece (excluding packing)	3,905 g
Customs tariff number	85444995
Country of origin	DE

SAC-5P-100,0-150/0,34+0,5 - Cable reel

1501760

<https://www.phoenixcontact.com/us/products/1501760>

Technical data


Product properties

Product type	Cable by the meter
Number of positions	5

Cable/line

Cable length	100 m
--------------	-------

PUR irradiated halogen-free orange [150]

Dimensional drawing	
Number of positions	5
Shielded	no
Cable type	PUR irradiated halogen-free orange [150]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor structure, voltage supply	24x 0.15 mm
AWG power supply	20
Conductor cross-section	4x 0.34 mm ² (Signal line) 1x 0.5 mm ² (PE connection)
External cable diameter	5.20 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	orange RAL 2003
Conductor material	Bare Cu litz wires
Material wire insulation	PE
Single wire, color	brown, white, blue, black, green-yellow
Overall twist	5 cores, twisted
Max. conductor resistance	≤ 57.5 Ω/km (with 0.34 mm ² conductor cross-section) ≤ 39 Ω/km (with 0.5 mm ² conductor cross-section)
Nominal voltage, cable	250 V (AC)
Test voltage	2000 V (50 Hz, 5 minutes)
Smallest bending radius, fixed installation	20 mm
Smallest bending radius, movable installation	30 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000000, Bending radius: 52 mm, Traversing path: 10 m, Traversing rate: 3 m/s
Halogen-free	The cable is halogen-free
Flame resistance	DIN VDE 0472 part 804, test type B

SAC-5P-100,0-150/0,34+0,5 - Cable reel



1501760

<https://www.phoenixcontact.com/us/products/1501760>

Other resistance	hydrolysis and microbe resistant
	UV resistant
	Resistant to welding splashes
Special properties	Silicone-free
	Irradiated
Ambient temperature (operation)	-50 °C ... 105 °C (cable, fixed installation)
	-40 °C ... 105 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-50 °C ... 105 °C (cable, fixed installation)
	-40 °C ... 105 °C (Cable, flexible installation)

SAC-5P-100,0-150/0,34+0,5 - Cable reel



1501760

<https://www.phoenixcontact.com/us/products/1501760>

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

ETIM 9.0	EC003249
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

SAC-5P-100,0-150/0,34+0,5 - Cable reel



1501760

<https://www.phoenixcontact.com/us/products/1501760>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com