

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



1501760

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

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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 |

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Technical data


Product properties

| | |
|---------------------|---|
| 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 hydrolysis and microbe resistant |

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| | |
|---------------------------------|--|
| Other resistance | 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) |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27061801 |
| ECLASS-15.0 | 27061801 |

ETIM

| | |
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| ETIM 9.0 | EC003249 |
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UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

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