

SACB- 6X0,34/ 3X0,75-50,0 PUR - Master cable ring



1503331

<https://www.phoenixcontact.com/us/products/1503331>

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Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 9-pos., 6 x 0.34 mm² and 3 x 0.75 mm²

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1503331 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF45 |
| Product key | AF3ZBX |
| GTIN | 4017918896935 |
| Weight per piece (including packing) | 4,728 g |
| Weight per piece (excluding packing) | 4,759 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|--------------------|
| Product type | Cable by the meter |
| Application | Distributor boxes |
| Number of positions | 9 |
| LED | no |


Electrical properties

| | |
|-----------------------|----------|
| Nominal voltage U_N | 300 V AC |
| | 300 V DC |

Cable/line

| | |
|--------------|------|
| Cable length | 50 m |
|--------------|------|

PUR/PVC black [PUR]

| | |
|-------------------------------------|--|
| Dimensional drawing |  |
| Cable weight | 96.6 kg/km |
| UL AWM Style | 20549 |
| Number of positions | 9 |
| Shielded | no |
| Cable type | PUR/PVC black [PUR] |
| Conductor structure signal line | 19x 0.15 mm |
| AWG signal line | 22 |
| Conductor structure, voltage supply | 42x 0.15 mm |
| AWG power supply | 18 |
| Conductor cross-section | 6x 0.34 mm ² (Signal line) |
| | 3x 0.75 mm ² (power line) |
| Wire diameter incl. insulation | 1.3 mm ±0.1 mm (Signal line) |
| | 1.8 mm ±0.1 mm (power line) |
| External cable diameter | 8.00 mm ±0.2 mm |
| Outer sheath, material | PUR |
| External sheath, color | black RAL 9005 |
| Conductor material | Bare Cu litz wires |
| Material wire insulation | PVC |
| Single wire, color | brown, blue, green/yellow, white, green, yellow, gray, pink, red |
| Thickness, insulation | ≥ 0.15 mm (Inner sheath) |

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| | |
|---|---|
| | ≥ 0.38 mm (Outer cable sheath) |
| Overall twist | Wires twisted in layers |
| Nominal voltage, cable | 300 V |
| Test voltage | 2000 V |
| Minimum bending radius, fixed installation | 7.5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Smallest bending radius, fixed installation | 60 mm |
| Smallest bending radius, movable installation | 80 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 1500000, Bending radius: 80 mm, Traversing path: 2 m, Traversing rate: 2 m/s |
| Flame resistance | DIN EN 50265 |
| Resistance to oil | according to VDE 0472 Part 803 |
| Other resistance | Highly resistant to acids, alkaline solutions and solvents |
| Special properties | Silicone-free |
| Ambient temperature (operation) | -40 °C ... 90 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (Cable, flexible installation) |
| | 80 °C (in acc. with UL) |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27060106 |
| ECLASS-15.0 | 27060106 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003250 |
|-----------|----------|

UNSPSC

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

EF3.1 Climate Change

| | |
|---------|----------------|
| CO2e kg | 17.589 kg CO2e |
|---------|----------------|

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