

Master cable ring - SACB-16X0,5/ 3X1,0-200,0 PUR - 1559893

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Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm² and 3 x 1.00 mm², length: 200 m on drum

The figure shows the master cable without drum



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 309981 |
| Weight per Piece (excluding packing) | 24524.0 g |
| Custom tariff number | 85444995 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

General

| | |
|---------------|-------|
| Rated voltage | 300 V |
|---------------|-------|

Ambient conditions

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -40 °C ... 90 °C (for fixed installation) |
| | -5 °C ... 80 °C (for flexible installation) |

Master cable data/connection data

| | |
|-------------------------------------|--|
| Length of cable | 200 m |
| Cable type | Master cable suitable for flexible cable conduit |
| Signal line cross section | 16x 0.5 mm ² |
| AWG signal line | 20 |
| Conductor structure signal line | 64x 0.10 mm |
| Power supply cross section | 3x 1 mm ² |
| AWG power supply | 17 |
| Conductor structure, voltage supply | 128x 0.10 mm |

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Technical data

Master cable data/connection data

| | |
|---------------------|---------|
| External diameter | 11.6 mm |
| Max. bending cycles | 1500000 |
| Bending radius | 120 mm |
| Traversing path | 2 m |
| Traversing rate | 2 m/s |

Cable

| | |
|---|--|
| Cable type | PUR/PVC black |
| Cable type (abbreviation) | PUR |
| Cable abbreviation | LiYY11Y-HF |
| UL AWM style | 20549 (80°C/300 V) |
| Conductor cross section | 16x 0.5 mm ² (signal line) 3x 1 mm ² (power line) |
| AWG signal line | 20 |
| AWG power supply | 17 |
| Conductor structure signal line | 28x 0.15 mm |
| Conductor structure, voltage supply | 56x 0.15 mm |
| Core diameter including insulation | 1.5 mm ±0.1 mm (signal line) 2.1 mm ±0.1 mm (power line) |
| Wire colors | Brown, blue, green/yellow, white, green, yellow, gray, pink, red, black, violet, gray/pink, red/blue, white/green, brown/green, white/yellow, yellow/brown, white/gray, gray/brown |
| Overall twist | Wires twisted in layers |
| External sheath, color | Black RAL 9005 |
| Inner sheath thickness | ≥ 0.15 mm |
| Outer sheath thickness | ≥ 0.76 mm |
| External cable diameter D | 10.5 mm ±0.2 mm |
| Minimum bending radius, fixed installation | 7.5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Number of bending cycles | 1500000 |
| Minimum bending radius, drag chain applications | 10 x D |
| Traversing path | 2 m |
| Traversing rate | 2 m/s |
| Cable weight | 183.7 kg/km |
| Outer sheath, material | PUR |
| Material, inner sheath | PVC |
| Material conductor insulation | PVC |
| Conductor material | Bare Cu litz wires |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V |
| Special properties | Silicone-free |
| Flame resistance | According to DIN EN 50265 |

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Technical data

Cable

| | |
|---------------------------------|--|
| Resistance to oil | As per VDE 0472 Part 803 |
| Other resistance | Highly resistant to acids, alkaline solutions and solvents |
| Ambient temperature (operation) | -40 °C ... 90 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (cable, flexible installation) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27062011 |

ETIM

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|----------|----------|
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

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Approvals

Approval details

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|-----|
| EAC |
|-----|

Accessories

Accessories

Stripping tool

Stripping tool - WIREFOX-D 13 - 1212162



Stripping tool, for stripping installation lines of \varnothing 8 - 13 mm , e.g. NYM 3 x 1.5 mm² to 5 x 2.5 mm², single line stripping 0.2 mm² - 4 mm² , with longitudinal cut blade and sliding knife

Stripping tool - WIREFOX-D 40 - 1212161



Stripping tool, for stripping cables of 4.5 mm - 40 mm- \varnothing , insulation thickness of up to 4.5 mm, pivoting blade for round, lengthwise, and spiral cuts

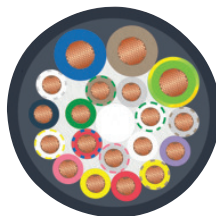
Stripping tool - WIREFOX 4 - 1212156



Stripping tool, for cables and conductors (especially for rubber and silicone insulations) from 0.1 - 4 mm², self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm² stranded/1.5 mm² solid, replaceable stripping blade

Drawings

Cable cross section



PUR/PVC black [PUR]

