

Master cable ring - SACB-16X0,5/ 3X1,0-50,0 80MC - 1402304

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Master cable for sensor/actuator boxes, 19-wire, unshielded, PUR halogen-free, drag chain and robot compatible, black outer sheath, 16 x 0.5 mm² and 3 x 1.0 mm²

Key commercial data

| | |
|----------------------|---|
| Packing unit | 1 PCE |
| GTIN |  4 046356 594196 |
| Custom tariff number | 85444995 |
| Country of origin | POLAND |

Technical data

General

| | |
|---------------------|-------|
| Rated voltage | 300 V |
| Number of positions | 19 |

Master cable data/connection data

| | |
|-----------------|--|
| Length of cable | 50 m |
| Cable type | Master cable suitable for flexible cable conduit |

Cable

| | |
|-------------------------------------|--|
| Cable type | PUR halogen-free, highly flexible |
| Cable type (abbreviation) | 80MC |
| Cable abbreviation | LS9Y11Y-J-EFK |
| 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 |

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Technical data

Cable

| | |
|---|--|
| 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 to an optimum in two layers |
| External sheath, color | Black RAL 9005 |
| External cable diameter | 10.75 mm |
| Smallest bending radius, fixed installation | 90 mm |
| Smallest bending radius, movable installation | 120 mm |
| Number of bending cycles | 5000000 |
| Bending radius | 120 mm |
| Traversing path | 5 m |
| Traversing rate | 3 m/s |
| Acceleration | 5 m/s ² |
| Torsion force | ± 120 °/m (≥ 3 million torsion cycles) |
| Outer sheath, material | PUR |
| Material conductor insulation | PP |
| Conductor material | Bare Cu litz wires |
| Insulation resistance | ≥ 10 MΩ*km (at 20 °C) |
| Conductor resistance | 39 Ω/km (signal line) |
| | 19.5 Ω/m (power line) |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V |
| Special properties | Silicone-free |
| | Free of substances which would hinder coating with paint or varnish |
| Flame resistance | DIN EN 50265-2-1 |
| Halogen-free | The cable is halogen-free |
| Resistance to oil | in accordance with DIN EN 60811-2-1 |
| Ambient temperature (operation) | -30 °C ... 70 °C (cable, fixed installation) |
| | 5 °C ... 70 °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 | 27062010 |
| eCl@ss 6.0 | 27062010 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 7.0 | 27062010 |
| eCl@ss 8.0 | 27062010 |

ETIM

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| ETIM 3.0 | EC000104 |
| ETIM 4.0 | EC000104 |
| ETIM 5.0 | EC001855 |

UNSPSC

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

Approvals

Approvals


Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

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| GOST  |
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Accessories

Accessories

Tools

Master cable ring - SACB-16X0,5/ 3X1,0-50,0 80MC - 1402304

Accessories

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