



Automatización Eléctrica
Especialistas en Automatización

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Flat-ribbon conductor - VS-ASI-FC-PUR-BK/1000 - 1404854

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AS-Interface PUR flat conductor in black, for additional power supply, 2 x 1.5 mm², 1000 m on an one-way drum



Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 1 STK |
| GTIN | 4 046356 327589 |

Technical data

Mechanical characteristics

| | |
|---------------------|--------------------------------|
| Number of positions | 2 |
| Shielded | No |
| Type of cable | Flat-ribbon conductor |
| Cable structure | 2x 1.5 mm ² |
| Duty cycle testing | Flexible cable conduit capable |
| Length of cable | 1000 m |

Ambient conditions

| | |
|---|---------------------------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C (fixed routing) |
| | -30 °C ... 85 °C (Flexibly installed) |
| Ambient temperature (assembly) | -30 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

Material data

| | |
|------------------------|-------|
| Outer sheath, material | PUR |
| External sheath, color | black |

Electrical characteristics

| | |
|-----------------------|-------|
| Rated voltage (III/3) | 300 V |
| Rated surge voltage | 2 kV |

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Technical data

Standards and Regulations

| | |
|--------------------|--------------------------------|
| Duty cycle testing | Flexible cable conduit capable |
|--------------------|--------------------------------|

Line characteristics

| | |
|---|---------------------------------|
| Type of cable | Flat-ribbon conductor |
| Cable structure | 2x 1.5 mm ² |
| Conductor cross section | 1.5 mm ² |
| AWG power supply | 16 |
| Conductor structure, voltage supply | 84x 0.15 mm |
| Core diameter including insulation | 2.5 mm |
| Thickness, insulation | approx. 0.5 mm |
| Wire colors | brown, blue |
| External sheath, color | black RAL 9005 |
| Insulation resistance | ≥ 1 MΩ*km |
| Conductor resistance | ≤ 13.7 Ω/km |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V |
| Outer sheath, material | PUR |
| Material conductor insulation | PP |
| Conductor material | Bare Cu litz wires |
| Cable weight | 64 kg/km |
| Smallest bending radius, fixed installation | ≥ 6 mm (one-time) |
| Traversing direction | horizontal, above the broadside |
| Max. bending cycles | 8000000 |
| Bending radius | 75 mm |
| Traversing rate | 4 m/s |
| Acceleration | 4 m/s ² |
| Traversing direction | vertical, above the broadside |
| Max. bending cycles | 10000000 |
| Bending radius | 50 mm |
| Special properties | Silicone-free |
| Halogen-free | yes |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27062002 |
| eCl@ss 5.1 | 27062002 |
| eCl@ss 6.0 | 27062002 |
| eCl@ss 7.0 | 27062002 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27061801 |
|------------|----------|

ETIM

| | |
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| ETIM 3.0 | EC000825 |
| ETIM 4.0 | EC000825 |
| ETIM 5.0 | EC000830 |

UNSPSC

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

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