Harmonised; Halogen-free for the protection of human life, environment and material assets

## Product Description

Protection of human life and the environment thanks to the avoidance of the formation of acid in case of fire









CE HAR RoHS

## Application range

- For wiring of lamps, devices, switchgear cabinets and distribution boxes
- For installation in tubes, on, in and under plaster as well as in closed installation ducts
- In buildings with a high concentration of people or valuables
- For use in dry rooms

## Benefits

- Protection of human life and the environment thanks to the avoidance of the formation of acid in case of fire

## Design

- Fine strands of bare copper wires
- Core insulation: Halogen-free

## Product features

- The insulation material is halogen-free and free of other materials which could release corrosive gases in the event of fire
- Flame retardant according to IEC 60332-1-2
- Low corrosivity of the gases in case of fire
- Low smokes

## Technical Data

**Approvals**
HD 22.9
**Conductor stranding**
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
**Minimum bending radius**
Acc. to HD 516 at 20 ±10 °C cable temperature
OD ≤ 8mm: 4 x OD*/2 x OD**
8 < OD ≤ 12mm: 5 x OD*/3 x OD**
OD > 12mm: 6 x OD*/4 x OD**
**Rated voltage**
U0/U: 450/ 750 V

**Test voltage**
2500 V
**Current rating**
VDE 0298-4
HD 516
**Range of temperature**
Fixed installation: -15°C up to +90°C

## Article List

| Part number | Conductor cross section in mm² | Outer diameter in mm | Wire colour | m/Coil | Copper index kg/km | Weight kg/km | m/box |
|---|---|---|---|---|---|---|---|
| 4726021 | 1.5 | 3.5 | blue | 100 | 14.4 | 20 | |
| 4726021K | 1.5 | 3.5 | blue | | 14.4 | 20 | 2000 |
| 4726031 | 1.5 | 3.5 | brown | 100 | 14.4 | 20 | |
| 4726031K | 1.5 | 3.5 | brown | | 14.4 | 20 | 2000 |
| 4726141 | 1.5 | 3.5 | dark-blue | 100 | 14.4 | 20 | |
| 4726141K | 1.5 | 3.5 | dark-blue | | 14.4 | 20 | 2000 |
| 4726111 | 1.5 | 3.5 | yellow | 100 | 14.4 | 20 | |
| 4726111K | 1.5 | 3.5 | yellow | | 14.4 | 20 | 2000 |
| 4726061 | 1.5 | 3.5 | grey | 100 | 14.4 | 20 | |
| 4726061K | 1.5 | 3.5 | grey | | 14.4 | 20 | 2000 |
| 4726121 | 1.5 | 3.5 | green | 100 | 14.4 | 20 | |
| 4726121K | 1.5 | 3.5 | green | | 14.4 | 20 | 2000 |
| 4726001 | 1.5 | 3.5 | greenyellow | 100 | 14.4 | 20 | |
| 4726001K | 1.5 | 3.5 | greenyellow | | 14.4 | 20 | 2000 |
| 4726091 | 1.5 | 3.5 | orange | 100 | 14.4 | 20 | |
| 4726091K | 1.5 | 3.5 | orange | | 14.4 | 20 | 2000 |
| 4726081 | 1.5 | 3.5 | Pink | 100 | 14.4 | 20 | |
| 4726081K | 1.5 | 3.5 | Pink | | 14.4 | 20 | 2000 |
| 4726041 | 1.5 | 3.5 | red | 100 | 14.4 | 20 | |

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|---|---|---|---|---|---|---|---|
| 4726041K | 1.5 | 3.5 | red | | 14.4 | 20 | 2000 |
| 4726011 | 1.5 | 3.5 | black | 100 | 14.4 | 20 | |
| 4726011K | 1.5 | 3.5 | black | | 14.4 | 20 | 2000 |
| 4726071 | 1.5 | 3.5 | purple | 100 | 14.4 | 20 | |
| 4726071K | 1.5 | 3.5 | purple | | 14.4 | 20 | 2000 |
| 4726051 | 1.5 | 3.5 | white | 100 | 14.4 | 20 | |
| 4726051K | 1.5 | 3.5 | white | | 14.4 | 20 | 2000 |
| 4726022 | 2.5 | 4.3 | blue | 100 | 24.0 | 32 | |
| 4726022K | 2.5 | 4.3 | blue | | 24.0 | 32 | 1500 |
| 4726032 | 2.5 | 4.3 | brown | 100 | 24.0 | 32 | |
| 4726032K | 2.5 | 4.3 | brown | | 24.0 | 32 | 1500 |
| 4726142 | 2.5 | 4.3 | dark-blue | 100 | 24.0 | 32 | |
| 4726142K | 2.5 | 4.3 | dark-blue | | 24.0 | 32 | 1500 |
| 4726112 | 2.5 | 4.3 | yellow | 100 | 24.0 | 32 | |
| 4726112K | 2.5 | 4.3 | yellow | | 24.0 | 32 | 1500 |
| 4726062 | 2.5 | 4.3 | grey | 100 | 24.0 | 32 | |
| 4726062K | 2.5 | 4.3 | grey | | 24.0 | 32 | 1500 |
| 4726122 | 2.5 | 4.3 | green | 100 | 24.0 | 32 | |
| 4726122K | 2.5 | 4.3 | green | | 24.0 | 32 | 1500 |
| 4726002 | 2.5 | 4.3 | greenyellow | 100 | 24.0 | 32 | |
| 4726002K | 2.5 | 4.3 | greenyellow | | 24.0 | 32 | 1500 |
| 4726092 | 2.5 | 4.3 | orange | 100 | 24.0 | 32 | |
| 4726092K | 2.5 | 4.3 | orange | | 24.0 | 32 | 1500 |
| 4726082 | 2.5 | 4.3 | Pink | 100 | 24.0 | 32 | |
| 4726082K | 2.5 | 4.3 | Pink | | 24.0 | 32 | 1500 |
| 4726042 | 2.5 | 4.3 | red | 100 | 24.0 | 32 | |
| 4726042K | 2.5 | 4.3 | red | | 24.0 | 32 | 1500 |
| 4726012 | 2.5 | 4.3 | black | 100 | 24.0 | 32 | |
| 4726012K | 2.5 | 4.3 | black | | 24.0 | 32 | 1500 |
| 4726072 | 2.5 | 4.3 | purple | 100 | 24.0 | 32 | |
| 4726072K | 2.5 | 4.3 | purple | | 24.0 | 32 | 1500 |
| 4726052 | 2.5 | 4.3 | white | 100 | 24.0 | 32 | |
| 4726052K | 2.5 | 4.3 | white | | 24.0 | 32 | 1500 |
| 4726023 | 4 | 4.9 | blue | 100 | 38.4 | 45 | |
| 4726023K | 4 | 4.9 | blue | | 38.0 | 45 | 1000 |
| 4726033 | 4 | 4.9 | brown | 100 | 38.4 | 45 | |
| 4726033K | 4 | 4.9 | brown | | 38.0 | 45 | 1000 |
| 4726143 | 4 | 4.9 | dark-blue | 100 | 38.4 | 45 | |
| 4726143K | 4 | 4.9 | dark-blue | | 38.0 | 45 | 1000 |
| 4726113 | 4 | 4.9 | yellow | 100 | 38.4 | 45 | |
| 4726113K | 4 | 4.9 | yellow | | 38.4 | 45 | 1000 |

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|---|---|---|---|---|---|---|---|
| 4726063 | 4 | 4.9 | grey | 100 | 38.4 | 45 | |
| 4726063K | 4 | 4.9 | grey | | 38.4 | 45 | 1000 |
| 4726123 | 4 | 4.9 | green | 100 | 38.4 | 45 | |
| 4726123K | 4 | 4.9 | green | | 38.0 | 45 | 1000 |
| 4726003 | 4 | 4.9 | greenyellow | 100 | 38.4 | 45 | |
| 4726003K | 4 | 4.9 | greenyellow | | 38.4 | 45 | 1000 |
| 4726093 | 4 | 4.9 | orange | 100 | 38.4 | 45 | |
| 4726093K | 4 | 4.9 | orange | | 38.4 | 45 | 1000 |
| 4726083 | 4 | 4.9 | Pink | 100 | 38.4 | 45 | |
| 4726083K | 4 | 4.9 | Pink | | 38.4 | 45 | 1000 |
| 4726043 | 4 | 4.9 | red | 100 | 38.4 | 45 | |
| 4726043K | 4 | 4.9 | red | | 38.0 | 45 | 1000 |
| 4726013 | 4 | 4.9 | black | 100 | 38.4 | 45 | |
| 4726013K | 4 | 4.9 | black | | 38.4 | 45 | 1000 |
| 4726073 | 4 | 4.9 | purple | 100 | 38.4 | 45 | |
| 4726073K | 4 | 4.9 | purple | | 38.4 | 45 | 1000 |
| 4726053 | 4 | 4.9 | white | 100 | 38.4 | 45 | |
| 4726053K | 4 | 4.9 | white | | 38.0 | 45 | 1000 |
| 4726024 | 6 | 5.5 | blue | 100 | 58.0 | 65 | |
| 4726024K | 6 | 5.5 | blue | | 58.0 | 65 | 750 |
| 4726034 | 6 | 5.5 | brown | 100 | 58.0 | 65 | |
| 4726034K | 6 | 5.5 | brown | | 58.0 | 65 | 750 |
| 4726144 | 6 | 5.5 | dark-blue | 100 | 58.0 | 65 | |
| 4726144K | 6 | 5.5 | dark-blue | | 58.0 | 65 | 750 |
| 4726114 | 6 | 5.5 | yellow | 100 | 58.0 | 65 | |
| 4726114K | 6 | 5.5 | yellow | | 58.0 | 65 | 750 |
| 4726064 | 6 | 5.5 | grey | 100 | 58.0 | 65 | |
| 4726064K | 6 | 5.5 | grey | | 58.0 | 65 | 750 |
| 4726124 | 6 | 5.5 | green | 100 | 58.0 | 65 | |
| 4726124K | 6 | 5.5 | green | | 58.0 | 65 | 750 |
| 4726004 | 6 | 5.5 | greenyellow | 100 | 58.0 | 65 | |
| 4726094 | 6 | 5.5 | orange | 100 | 58.0 | 65 | |
| 4726094K | 6 | 5.5 | orange | | 58.0 | 65 | 750 |
| 4726084 | 6 | 5.5 | Pink | 100 | 58.0 | 65 | |
| 4726084K | 6 | 5.5 | Pink | | 57.6 | 65 | 750 |
| 4726044 | 6 | 5.5 | red | 100 | 58.0 | 65 | |
| 4726044K | 6 | 5.5 | red | | 58.0 | 65 | 750 |
| 4726014 | 6 | 5.5 | black | 100 | 58.0 | 65 | |
| 4726014K | 6 | 5.5 | black | | 58.0 | 65 | 750 |
| 4726074 | 6 | 5.5 | purple | 100 | 58.0 | 65 | |
| 4726074K | 6 | 5.5 | purple | | 58.0 | 65 | 750 |

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|---|---|---|---|---|---|---|---|
| 4726054 | 6 | 5.5 | white | 100 | 58.0 | 65 | |
| 4726054K | 6 | 5.5 | white | | 58.0 | 65 | 750 |
| 4726025 | 10 | 7.1 | blue | 100 | 96.0 | 110 | |
| 4726035 | 10 | 7.1 | brown | 100 | 96.0 | 110 | |
| 4726145 | 10 | 7.1 | dark-blue | 100 | 96.0 | 110 | |
| 4726115 | 10 | 7.1 | yellow | 100 | 96.0 | 110 | |
| 4726065 | 10 | 7.1 | grey | 100 | 96.0 | 110 | |
| 4726125 | 10 | 7.1 | green | 100 | 96.0 | 110 | |
| 4726005 | 10 | 7.1 | greenyellow | 100 | 96.0 | 110 | |
| 4726095 | 10 | 7.1 | orange | 100 | 96.0 | 110 | |
| 4726085 | 10 | 7.1 | Pink | 100 | 96.0 | 110 | |
| 4726045 | 10 | 7.1 | red | 100 | 96.0 | 110 | |
| 4726015 | 10 | 7.1 | black | 100 | 96.0 | 110 | |
| 4726075 | 10 | 7.1 | purple | 100 | 96.0 | 110 | |
| 4726055 | 10 | 7.1 | white | 100 | 96.0 | 110 | |
| 4726026 | 16 | 8.4 | blue | 100 | 154.0 | 170 | |
| 4726036 | 16 | 8.4 | brown | 100 | 154.0 | 170 | |
| 4726146 | 16 | 8.4 | dark-blue | 100 | 154.0 | 170 | |
| 4726116 | 16 | 8.4 | yellow | 100 | 154.0 | 170 | |
| 4726066 | 16 | 8.4 | grey | 100 | 154.0 | 170 | |
| 4726126 | 16 | 8.4 | green | 100 | 154.0 | 170 | |
| 4726006 | 16 | 8.4 | greenyellow | 100 | 154.0 | 170 | |
| 4726096 | 16 | 8.4 | orange | 100 | 154.0 | 170 | |
| 4726086 | 16 | 8.4 | Pink | 100 | 154.0 | 170 | |
| 4726046 | 16 | 8.4 | red | 100 | 154.0 | 170 | |
| 4726016 | 16 | 8.4 | black | 100 | 154.0 | 170 | |
| 4726076 | 16 | 8.4 | purple | 100 | 154.0 | 170 | |
| 4726056 | 16 | 8.4 | white | 100 | 154.0 | 170 | |
| 4726027 | 25 | 10.6 | blue | 100 | 240.0 | 290 | |
| 4726037 | 25 | 10.6 | brown | 100 | 240.0 | 290 | |
| 4726147 | 25 | 10.6 | dark-blue | 100 | 240.0 | 290 | |
| 4726117 | 25 | 10.6 | yellow | 100 | 240.0 | 290 | |
| 4726067 | 25 | 10.6 | grey | 100 | 240.0 | 290 | |
| 4726127 | 25 | 10.6 | green | 100 | 240.0 | 290 | |
| 4726007 | 25 | 10.6 | greenyellow | 100 | 240.0 | 290 | |
| 4726097 | 25 | 10.6 | orange | 100 | 240.0 | 290 | |
| 4726087 | 25 | 10.6 | Pink | 100 | 240.0 | 290 | |
| 4726047 | 25 | 10.6 | red | 100 | 240.0 | 290 | |
| 4726017 | 25 | 10.6 | black | 100 | 240.0 | 290 | |
| 4726077 | 25 | 10.6 | purple | 100 | 240.0 | 290 | |
| 4726057 | 25 | 10.6 | white | 100 | 240.0 | 290 | |

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|---|---|---|---|---|---|---|---|
| 4726028 | 35 | 12.1 | blue | | 336.0 | 380 | |
| 4726038 | 35 | 12.1 | brown | | 336.0 | 380 | |
| 4726148 | 35 | 12.1 | dark-blue | | 336.0 | 380 | |
| 4726118 | 35 | 12.1 | yellow | | 336.0 | 380 | |
| 4726068 | 35 | 12.1 | grey | | 336.0 | 380 | |
| 4726128 | 35 | 12.1 | green | | 336.0 | 380 | |
| 4726008 | 35 | 12.1 | greenyellow | | 336.0 | 380 | |
| 4726098 | 35 | 12.1 | orange | | 336.0 | 380 | |
| 4726088 | 35 | 12.1 | Pink | | 336.0 | 380 | |
| 4726048 | 35 | 12.1 | red | | 336.0 | 380 | |
| 4726018 | 35 | 12.1 | black | | 336.0 | 380 | |
| 4726078 | 35 | 12.1 | purple | | 336.0 | 380 | |
| 4726058 | 35 | 12.1 | white | | 336.0 | 380 | |
| 4726029 | 50 | 14.4 | blue | | 480.0 | 530 | |
| 4726039 | 50 | 14.4 | brown | | 480.0 | 530 | |
| 4726149 | 50 | 14.4 | dark-blue | | 480.0 | 530 | |
| 4726119 | 50 | 14.4 | yellow | | 480.0 | 530 | |
| 4726069 | 50 | 14.4 | grey | | 480.0 | 530 | |
| 4726129 | 50 | 14.4 | green | | 480.0 | 530 | |
| 4726009 | 50 | 14.4 | greenyellow | | 480.0 | 530 | |
| 4726099 | 50 | 14.4 | orange | | 480.0 | 530 | |
| 4726089 | 50 | 14.4 | Pink | | 480.0 | 530 | |
| 4726049 | 50 | 14.4 | red | | 480.0 | 530 | |
| 4726019 | 50 | 14.4 | black | | 480.0 | 530 | |
| 4726079 | 50 | 14.4 | purple | | 480.0 | 530 | |
| 4726059 | 50 | 14.4 | white | | 480.0 | 530 | |
| 4727021 | 70 | 16.6 | blue | | 672.0 | 750 | |
| 4727031 | 70 | 16.6 | brown | | 672.0 | 750 | |
| 4727141 | 70 | 16.6 | dark-blue | | 672.0 | 750 | |
| 4727111 | 70 | 16.6 | yellow | | 672.0 | 750 | |
| 4727061 | 70 | 16.6 | grey | | 672.0 | 750 | |
| 4727121 | 70 | 16.6 | green | | 672.0 | 750 | |
| 4727001 | 70 | 16.6 | greenyellow | | 672.0 | 750 | |
| 4727091 | 70 | 16.6 | orange | | 672.0 | 750 | |
| 4727081 | 70 | 16.6 | Pink | | 672.0 | 750 | |
| 4727041 | 70 | 16.6 | red | | 672.0 | 750 | |
| 4727011 | 70 | 16.6 | black | | 672.0 | 750 | |
| 4727071 | 70 | 16.6 | purple | | 672.0 | 750 | |
| 4727051 | 70 | 16.6 | white | | 672.0 | 750 | |
| 4727022 | 95 | 18.8 | blue | | 912.0 | 1000 | |
| 4727032 | 95 | 18.8 | brown | | 912.0 | 1000 | |

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|---|---|---|---|---|---|---|---|
| 4727142 | 95 | 18.8 | dark-blue | | 912.0 | 1000 | |
| 4727112 | 95 | 18.8 | yellow | | 912.0 | 1000 | |
| 4727062 | 95 | 18.8 | grey | | 912.0 | 1000 | |
| 4727122 | 95 | 18.8 | green | | 912.0 | 1000 | |
| 4727002 | 95 | 18.8 | greenyellow | | 912.0 | 1000 | |
| 4727092 | 95 | 18.8 | orange | | 912.0 | 1000 | |
| 4727082 | 95 | 18.8 | Pink | | 912.0 | 1000 | |
| 4727042 | 95 | 18.8 | red | | 912.0 | 1000 | |
| 4727012 | 95 | 18.8 | black | | 912.0 | 1000 | |
| 4727072 | 95 | 18.8 | purple | | 912.0 | 1000 | |
| 4727052 | 95 | 18.8 | white | | 912.0 | 1000 | |

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Packaging size: Coil ≤ 30 kg, otherwise drum

Photographs are not to scale and do not represent detailed images of the respective products.

*at conventional usage, **at cautious bending; "OD" = outer diameter