

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



## 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 60332-2-2
- 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  
4 x outer diameter (OD), if used conventionally  
2 x OD at cautious bending

### Rated voltage

U0/U: 300/500 V

### Test voltage

2000 V AC

### 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 mm <sup>2</sup>	Outer diameter in mm	Wire colour	m/Coil	Copper index kg/km	Weight kg/km	m/box
4725021	0.5	2.6	blue	100	4.8	9	
4725021K	0.5	2.6	blue		4.8	9	4000
4725031	0.5	2.6	brown	100	4.8	9	
4725141	0.5	2.6	dark-blue	100	4.8	9	
4725141K	0.5	2.6	dark-blue		4.8	9	4000
4725111	0.5	2.6	yellow	100	4.8	9	
4725111K	0.5	2.6	yellow		4.8	9	4000
4725061	0.5	2.6	grey	100	4.8	9	
4725061K	0.5	2.6	grey		4.8	9	4000
4725121	0.5	2.6	green	100	4.8	9	
4725121K	0.5	2.6	green		4.8	9	4000
4725001	0.5	2.6	greenyellow	100	4.8	9	
4725001K	0.5	2.6	greenyellow		4.8	9	4000
4725091	0.5	2.6	orange	100	4.8	9	
4725091K	0.5	2.6	orange		4.8	9	4000
4725081	0.5	2.6	Pink	100	4.8	9	
4725081K	0.5	2.6	Pink		4.8	9	4000
4725041	0.5	2.6	red	100	4.8	9	
4725041K	0.5	2.6	red		4.8	9	4000



4725011	0.5	2.6	black	100	4.8	9	
4725011K	0.5	2.6	black		4.8	9	4000
4725071	0.5	2.6	purple	100	4.8	9	
4725071K	0.5	2.6	purple		4.8	9	4000
4725051	0.5	2.6	white	100	4.8	9	
4725051K	0.5	2.6	white		4.8	9	4000
4725022	0.75	2.8	blue	100	7.2	11	
4725022K	0.75	2.8	blue		7.2	11	3000
4725032	0.75	2.8	brown	100	7.2	11	
4725032K	0.75	2.8	brown		7.2	11	3000
4725142	0.75	2.8	dark-blue	100	7.2	11	
4725142K	0.75	2.8	dark-blue		7.2	11	3000
4725112	0.75	2.8	yellow	100	7.2	11	
4725112K	0.75	2.8	yellow		7.2	11	3000
4725062	0.75	2.8	grey	100	7.2	11	
4725062K	0.75	2.8	grey		7.2	11	3000
4725122	0.75	2.8	green	100	7.2	11	
4725122K	0.75	2.8	green		7.2	11	3000
4725002	0.75	2.8	greenyellow	100	7.2	11	
4725002K	0.75	2.8	greenyellow		7.2	11	3000
4725092	0.75	2.8	orange	100	7.2	11	
4725092K	0.75	2.8	orange		7.2	11	3000
4725082	0.75	2.8	Pink	100	7.2	11	
4725082K	0.75	2.8	Pink		7.2	11	3000
4725042	0.75	2.8	red	100	7.2	11	
4725042K	0.75	2.8	red		7.2	11	3000
4725012	0.75	2.8	black	100	7.2	11	
4725012K	0.75	2.8	black		7.2	11	3000
4725072	0.75	2.8	purple	100	7.2	11	
4725072K	0.75	2.8	purple		7.2	11	3000
4725052	0.75	2.8	white	100	7.2	11	
4725052K	0.75	2.8	white		7.2	11	3000
4725023	1	2.9	blue	100	9.6	14	
4725023K	1	2.9	blue		9.6	14	3000
4725033	1	2.9	brown	100	9.6	14	
4725033K	1	2.9	brown		9.6	14	3000
4725143	1	2.9	dark-blue	100	9.6	14	
4725143K	1	2.9	dark-blue		9.6	14	3000
4725113	1	2.9	yellow	100	9.6	14	
4725113K	1	2.9	yellow		9.6	14	3000
4725063	1	2.9	grey	100	9.6	14	



4725063K	1	2.9	grey		9.6	14	3000
4725123	1	2.9	green	100	9.6	14	
4725123K	1	2.9	green		9.6	14	3000
4725003	1	2.9	greenyellow	100	9.6	14	
4725003K	1	2.9	greenyellow		9.6	14	3000
4725093	1	2.9	orange	100	9.6	14	
4725083	1	2.9	Pink	100	9.6	14	
4725083K	1	2.9	Pink		9.6	14	3000
4725043	1	2.9	red	100	9.6	14	
4725043K	1	2.9	red		9.6	14	3000
4725013	1	2.9	black	100	9.6	14	
4725013K	1	2.9	black		9.6	14	3000
4725073	1	2.9	purple	100	9.6	14	
4725073K	1	2.9	purple		9.6	14	3000
4725053	1	2.9	white	100	9.6	14	
4725053K	1	2.9	white		9.6	14	3000
4725093K	1	2.9	orange		9.6	14	3000

**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