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	

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

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

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	

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	

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