

ÖLFLEX® CLASSIC 130 H BK 0,6/1kV

VDE certified characteristics



Info

- Colour coded up to 5 cores
- Numbered cores from 6 up
- VDE certified



Application range

- Public buildings
- Airport, railway station
- Plant engineering and construction
Industrial machinery
Air conditioning installations
- Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards
- For outdoor applications

Product features

- Flame retardant according to IEC 60332-1-2 (flame spread on single cable)
- No flame propagation acc. to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)

- Halogen-free according to IEC 60754-1 (amount of halogen acid gas)
Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
- Low smoke density acc. to IEC 61034
- UV resistant

Approvals (Norm references)



Design

- Fine strands of bare copper wires
- Core insulation: Halogen-free
- Special halogen-free outer sheath black (RAL 9005)

Technical data

- Core identification code**
Up to 5 cores: according to VDE 0293-308 (appendix T9)
Starting at 6 cores: Black with white numbers
- Based on**
HD 21.14 S1
VDE 0281 Part 14
- Specific insulation resistance**
> 20 GOhm x cm
- Conductor stranding**
Fine wire in accordance to VDE 0295 Class 5 / IEC 60228 Class 5
- Minimum bending radius**
Occasional flexing: 15 x cable diameter
Fixed installation: 4 x cable diameter
- Rated voltage**
U₀/U: 600/1000 V
- Test voltage**
4000 V
- Protective conductor**
G = with protective conductor GN/YE
X = without protective conductor
- Range of temperature**
Occasional flexing: -15°C to +70°C
Fixed installation: -40°C up to +70°C

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123410	2 X 1	8.6	19.2	107
1123411	3 G 1	9.0	28.8	123
1123412	4 G 1	9.6	38.4	144
1123413	5 G 1	10.4	48.0	167
ÖLFLEX® CLASSIC 130 H 0,6/1kV - numbered cores				
1123414	7 G 1	11.1	67.2	206
1123415	12 G 1	14.0	115.2	314
1123416	18 G 1	16.1	172.8	428
1123417	25 G 1	18.6	240.0	569
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123418	2 X 1.5	9.6	28.8	137
1123419	3 G 1.5	10.1	43.2	161
1123420	4 G 1.5	10.8	57.6	190
1123421	5 G 1.5	11.7	72.0	221
ÖLFLEX® CLASSIC 130 H 0,6/1kV - numbered cores				
1123422	7 G 1.5	12.6	100.8	276
1123423	12 G 1.5	16.1	172.8	427
1123424	18 G 1.5	18.8	259.2	596
1123425	25 G 1.5	21.7	360.0	799

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123426	2 X 2.5	10.8	48.0	184
1123427	3 G 2.5	11.3	72.0	219
1123428	4 G 2.5	12.2	96.0	262
1123429	5 G 2.5	13.3	120.0	307
ÖLFLEX® CLASSIC 130 H 0,6/1kV - numbered cores				
1123430	7 G 2.5	14.4	168.0	390
1123431	12 G 2.5	18.7	288.0	624
1123432	18 G 2.5	22.0	432.0	879
1123433	25 G 2.5	25.8	600.0	1,212
ÖLFLEX® CLASSIC 130 H 0,6/1kV - coloured cores				
1123434	3 G 4	12.6	115.2	290
1123435	4 G 4	13.7	153.6	351
1123436	5 G 4	14.9	192.0	416
1123437	3 G 6	13.9	172.8	377
1123438	4 G 6	15.1	230.4	463
1123439	5 G 6	16.8	288.0	559
1123440	4 G 10	18.7	384.0	757
1123441	5 G 10	20.7	480.0	915
1123442	4 G 16	21.3	614.4	1,070
1123443	5 G 16	23.6	768.0	1,296
1123444	4 G 25	26.2	960.0	1,631

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum
Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

Comparable products

- ÖLFLEX® CLASSIC 110 H see page 51
- ÖLFLEX® CLASSIC 130 H see page 55

Accessories

- SKINTOP® ST-HF-M see page 644