ÖLFLEX® CLASSIC 130 H

VDE certified characteristics

Info

- **VDE certified**
- **Flame test acc. to NF C 32-070 categorie C1**

Application range

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

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)
- No flame propagation according to NF C 32-070 category C1
- 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

Approvals (Norm references)

CE RoHS

Design

- Fine strands of bare copper wires
- Core insulation: Halogen-free
- Special blended halogen-free outer sheath grey (RAL 7001)

Technical data

Core identification code
Black with white numbers acc. to VDE 0293

Based on
VDE 0281 Part 14

Specific insulation resistance
> 10 MOhm x km

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
U_0/U: 300/500 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				
1123000	2 X 0.5	5.1	9.6	36
1123001	3 G 0.5	5.4	14.4	42
1123002	3 X 0.5	5.4	14.4	42
1123003	4 G 0.5	5.8	19.2	55
1123004	4 X 0.5	5.8	19.2	55
1123005	5 G 0.5	6.3	24.0	65
1123006	5 X 0.5	6.3	24.0	65
1123008	7 G 0.5	6.9	33.6	80
1123009	7 X 0.5	6.9	33.6	80
1123010	8 G 0.5	8.2	38.4	103
1123012	10 G 0.5	8.8	48.0	112
1123013	12 G 0.5	9.1	57.6	128
1123017	18 G 0.5	10.8	86.4	189
1123020	25 G 0.5	12.7	120.0	260
1123021	30 G 0.5	13.6	144.0	294
1123032	2 X 0.75	5.5	14.4	47
1123033	3 G 0.75	5.8	21.6	56
1123034	3 X 0.75	5.8	21.6	56
1123035	4 G 0.75	6.3	28.8	69
1123036	4 X 0.75	6.3	28.8	69
1123037	5 G 0.75	6.9	36.0	83
1123038	5 X 0.75	6.9	36.0	83
1123041	7 G 0.75	7.5	50.4	104
1123042	7 X 0.75	7.5	50.4	104
1123046	10 G 0.75	9.8	72.0	149
1123047	12 G 0.75	10.1	86.4	172
1123048	12 X 0.75	10.1	86.4	172
1123051	18 G 0.75	12.0	129.6	252
1123054	25 G 0.75	14.1	180.0	352
1123056	34 G 0.75	16.3	244.8	466
1123066	2 X 1	5.8	19.2	55
1123067	3 G 1	6.1	28.8	67
1123068	3 X 1	6.1	28.8	67
1123069	4 G 1	6.6	38.4	83
1123070	4 X 1	6.6	38.4	83
1123071	5 G 1	7.3	48.0	100
1123072	5 X 1	7.3	48.0	100
1123074	7 G 1	8.1	67.2	130
1123075	7 X 1	8.1	67.2	130
1123076	8 G 1	9.7	76.8	164
1123078	10 G 1	10.4	96.0	183
1123080	12 G 1	10.7	115.2	212

Part number	Number of cores and mm² per conductor	Outer diameter in mm approx.	Copper index kg/km	Weight kg/km approx.
1123081	12 X 1	10.7	115.2	212
1123083	16 G 1	12.1	153.6	275
1123084	18 G 1	12.9	172.8	314
1123090	25 G 1	15.0	240.0	429
1123094	34 G 1	17.5	326.4	570
1123106	2 X 1.5	6.4	28.8	72
1123107	3 G 1.5	6.8	43.2	88
1123108	3 X 1.5	6.8	43.2	88
1123109	4 G 1.5	7.4	57.6	110
1123110	4 X 1.5	7.4	57.6	110
1123111	5 G 1.5	8.3	72.0	135
1123112	5 X 1.5	8.3	72.0	135
1123114	7 G 1.5	9.0	100.8	174
1123115	7 X 1.5	9.0	100.8	174
1123116	8 G 1.5	10.8	115.2	223
1123118	10 G 1.5	11.8	144.0	250
1123120	12 G 1.5	12.2	172.8	289
1123124	18 G 1.5	14.6	259.2	433
1123128	25 G 1.5	17.2	360.0	596
1123130	34 G 1.5	19.8	489.6	786
1123139	2 X 2.5	7.6	48.0	110
1123140	3 G 2.5	8.3	72.0	137
1123142	4 G 2.5	9.0	96.0	174
1123144	5 G 2.5	10.1	120.0	217
1123146	7 G 2.5	11.2	168.0	283
1123149	12 G 2.5	15.1	288.0	467
1123151	18 G 2.5	18.0	432.0	696
1123153	25 G 2.5	21.1	600.0	969
1123159	3 G 4	9.8	115.2	213
1123160	4 G 4	10.8	153.6	267
1123161	5 G 4	12.1	192.0	331
1123162	7 G 4	13.4	268.8	432
1123166	3 G 6	11.7	172.8	303
1123167	4 G 6	13.0	230.4	388
1123168	5 G 6	14.5	288.0	480
1123169	7 G 6	16.0	403.2	626
1123172	4 G 10	16.2	384.0	601
1123173	5 G 10	18.1	480.0	735
1123177	4 G 16	18.8	614.4	917
1123178	5 G 16	21.2	768.0	1,148
1123181	4 G 25	23.5	960.0	1,418
1123182	5 G 25	26.4	1,200.0	1,769
1123185	4 G 35	26.6	1,344.0	1,905

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 130 H BK 0,6/1kV see page 57

Accessories

- SKINTOP® ST-HF-M see page 644