



ÖLFLEX® CLASSIC 128 H BK SC

Cost-effective halogen-free control cable with improved fire characteristics, 0,6/1kV



Info

- For space-saving and cost-effective installation
- For use within public buildings and industrial plants
- UV and weather-resistant according to ISO 4892-2

Benefits

- Space-saving installation due to small cable diameters
- Easy installation due to flexible design
- Variants for DC systems available

Application range

- Public buildings
- Plant engineering
Industrial machinery
Heating and air-conditioning systems
- Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards
- Suitable for outdoor applications
- For direct current applications in the low voltage range

Product features

- Flame-retardant according to IEC 60332-1-2 (flame spread on a single cable)
- No flame-propagation according 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 according to IEC 61034-2
- UV and weather-resistant according to ISO 4892-2
- Ozone-resistant according to EN 50396

Norm references / Approvals

- EN 50525-3-11
- EN 60445

Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: Halogen-free
- Outer sheath made of special halogen-free compound, black

Technical data

- Classification ETIM 5/6**
ETIM 5.0/6.0 Class-ID: EC000057
ETIM 5.0/6.0 Class-Description: Low voltage power cable
- Core identification code**
Core identification according to EN
- Conductor stranding**
Fine wire according to VDE 0295
Class 5/ IEC 60228 Class 5
- Minimum bending radius**
Occasional flexing: 15 x outer diameter
Fixed installation: 4 x outer diameter
- Nominal voltage**
U0/U: 0,6/1 kV AC rms according IEC
U0/U: 0,75/1,5 kV DC according IEC
- Test voltage**
4000 V
- Protective conductor**
G = with GN-YE protective conductor
X = without protective conductor
- Temperature range**
Occasional flexing: -5°C to +70°C
Fixed installation: -40°C to +80°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Color	Copper index (kg/km)	Weight (kg/km)
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1123800	1 X 16.0	9.6	black	153.6	219
1123811	1 G 16.0	9.6	green/yellow	153.6	219
1123801	1 X 25.0	11.3	black	240	327
1123812	1 G 25.0	11.3	green/yellow	240	327
1123802	1 X 35.0	12.5	black	336	436
1123813	1 G 35.0	12.5	green/yellow	336	436
1123803	1 X 50.0	15.1	black	480	587
1123814	1 G 50.0	15.1	green/yellow	480	587
1123804	1 X 70.0	17.0	black	672	798
1123815	1 G 70.0	17.0	green/yellow	672	798
1123805	1 X 95.0	19.6	black	912	1044
1123816	1 G 95.0	19.6	green/yellow	912	1044
1123806	1 X 120.0	22.4	black	1152	1339
1123817	1 G 120.0	22.4	green/yellow	1152	1339
1123807	1 X 150.0	24.2	black	1440	1633
1123818	1 G 150.0	24.2	green/yellow	1440	1633
1123808	1 X 185.0	26.3	black	1776	1943
1123819	1 G 185.0	26.3	green/yellow	1776	1943
1123809	1 X 240.0	30.8	black	2304	2597
1123820	1 G 240.0	30.8	green/yellow	2304	2597

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