

ÖLFLEX TRAIN 4GKW C

Einadrige 1,8kV Starkstromleitung für erhöhte Anforderungen im Bahnbereich

ÖLFLEX® TRAIN 4GKW - Einzeladerleitung Typ OM, für Schienenfahrzeuge/Bahn, 1,8/3kV, EN 45545: HL1-HL3, BS 6853

Info

Meets EN 50264-3-1 type M

High temperature resistance : -40°C up to +125°C

Highly oil- and fuel-resistant



Benefits

High flexibility and slim diameters enable small bending radii at fixed installation

Resistant to mechanical influences in harsh environmental conditions

Expanded temperature range

Excellent chemical resistance and high Flammability rating as well

Reduced formation of toxic gases and fire spreading in the event of fire increase the protection against damage to persons and property

Application range

For fixed and protected installations inside or outside of railed vehicles and busses

For connection of stationary and moving parts

Suitable for cabling of switchboards, converters, panel units and rheostatic braking blocks

Product features

Halogen-free (IEC 60754-1) & No corrosive gases (IEC 60754-2)

No toxic gases (EN 50305, BS 6853)

Low smoke density (IEC 61034-2)

Flame retardant (IEC 60332-1-2)

No fire spreading (EN 50305, BS6853)

Norm references / Approvals

EN 50264-3-1, type OM

BS 6853 (Interior use Ia, Ib,II & Exterior use Ia, Ib,II)

EN 45545-2 HL1, HL2, HL3

Compliant with NFPA 130

Product Make-up

Conductor : Tinned copper strand, fine wired

Last Update (23.04.2024)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Inner Insulation : Electron beam cross-linked polyolefin copolymer, Natural colour

Braiding : Tinned copper braid

Outer sheath : Electron beam cross-linked polyolefin copolymer, Black colour

Technical Data

Temperature range:	Fixed installation : -40°C up to +125°C max. Occasional flexing : -35°C up to +90°C max.
Minimum bending radius:	Fixed installation : $\leq 12\varnothing$: 4 x OD / 3 x OD*, $> 12\varnothing$: 5 x OD / 4 x OD*, * for careful bending, once at connecting terminal
Nominal voltage:	U0/U AC 1.8 / 3.0 kV, Um AC 3.6kV, Vo DC 2.7kV
Conductor stranding:	Fine wired acc. to IEC 60228 class 5
Test voltage:	6.5kV AC

Note

Unless specified otherwise, the shown product values are nominal values at room temperature. You can receive further values, such as tolerances, upon request if they available and have been released for publication.

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
3823336	1 X 1.5	5.2	black	25.1	47
3823337	1 X 2.5	5.6	black	36.3	60
3823338	1 X 4.0	6.5	black	52.6	85
3823339	1 X 6.0	8.0	black	78.6	124
3823340	1 X 10.0	9.4	black	121.4	182
3823341	1 X 16.0	11.0	black	185.1	256
3823342	1 X 25.0	13.2	black	283.3	378
3823343	1 X 35.0	14.6	black	385.1	489
3823344	1 X 50.0	16.9	black	567	670
3823345	1 X 70.0	18.8	black	737	876
3823346	1 X 95.0	20.7	black	986	1121
3823347	1 X 120.0	23.1	black	1239	1396
3823348	1 X 150.0	25.5	black	1532	1700
3823349	1 X 185.0	27.9	black	1903	2090
3823350	1 X 240.0	30.8	black	2447	2646
3823351	1 X 300.0	34.1	black	3038	3291

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