

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

Meets EN 50264-3-1 type M

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



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

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

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

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)

EN 50264-3-1, type OM

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

EN 45545-2 HL1, HL2, HL3

NFPA 130

(23.04.2024)

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data sheet

PN 0456 / 02_03.16

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Conductor : Tinned copper strand, fine wired
 Inner Insulation : Electron beam cross-linked polyolefin copolymer, Natural colour
 Braiding : Tinned copper braid
 Outer sheath : Electron beam cross-linked polyolefin copolymer, Black colour

:	Fixed installation : -40 up to +125 max. Occasional flexing : -35 up to +90 max.
:	Fixed installation : 12mm : 4 x OD / 3 x OD*, > 12mm : 5 x OD / 4 x OD*, * for careful bending, once at connecting terminal
:	U0/U AC 1.8 / 3.0 kV, Um AC 3.6kV, Vo DC 2.7kV
:	Fine wired acc. to IEC 60228 class 5
:	6.5kV AC

: 30 kg or 250 m, 가 가 . (.) 가 .
 . (e.g. 1 x 500 m or 5 x 100 m).
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Article number	(CORE) / (mm ²)	(mm)	(kg/km)	(kg/km)
3823336	1 X 1.5	5.2	25.1	47
3823337	1 X 2.5	5.6	36.3	60
3823338	1 X 4.0	6.5	52.6	85
3823339	1 X 6.0	8.0	78.6	124
3823340	1 X 10.0	9.4	121.4	182
3823341	1 X 16.0	11.0	185.1	256
3823342	1 X 25.0	13.2	283.3	378
3823343	1 X 35.0	14.6	385.1	489
3823344	1 X 50.0	16.9	567	670
3823345	1 X 70.0	18.8	737	876
3823346	1 X 95.0	20.7	986	1121
3823347	1 X 120.0	23.1	1239	1396
3823348	1 X 150.0	25.5	1532	1700
3823349	1 X 185.0	27.9	1903	2090
3823350	1 X 240.0	30.8	2447	2646
3823351	1 X 300.0	34.1	3038	3291

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