

Rolling Stock



ÖLFLEX® TRAIN 9GKW C



i Info

- Meets EN 50264-3-1 type OM
- 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 buses
- 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, & Exterior use Ia, Ib,)
- EN 45545-2 HL1, HL2, HL3
- Compliant with NFPA 130

Product Make-up

- 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

Technical data

- Conductor stranding**
Fine wired acc. to IEC 60228 class 5
- Minimum bending radius**
Fixed installation : $\leq 12 : 4 \times OD / 3 \times OD^*$, $> 12 : 5 \times OD / 4 \times OD^*$, * for careful bending, once at connecting terminal
- Nominal voltage**
U₀/U AC 3.6 / 6.0 kV, Um AC 7.2kV, Vo DC 5.4kV
- Temperature range**
Fixed installation : -40°C up to +125°C max.
Occasional flexing : -35°C up to +90°C max.

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX TRAIN 9GKW C				
85167401	1 X 2.5	7.0	39.4	83
85167402	1 X 4	8.1	59.8	114
85167403	1 X 6	9.2	82.4	150
85167404	1 X 10	10.6	126.0	212
85167405	1 X 16	12.5	195.0	312
85167406	1 X 25	14.4	289.0	433
85167407	1 X 35	15.8	390.0	549
85167408	1 X 50	18.5	543.0	745
85167409	1 X 70	20.8	744.0	978
85167410	1 X 95	22.7	993.0	1,233
85167411	1 X 120	25.3	1,264.0	1,546
85167412	1 X 150	27.3	1,560.0	1,836
85167413	1 X 185	29.7	1,911.0	2,227
85167414	1 X 240	33.0	2,455.0	2,819
85167415	1 X 300	36.5	3,047.0	3,500

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.