

Rolling Stock



ÖLFLEX® TRAIN GKW IS MP



Info

- Meets EN 50306-4 class P, type MM
- High temperature resistance : -40°C up to +125°C
- Highly oil- and fuel-resistant

Benefits

- Easy to strip and to dismantle
- Resistant to mechanical influences in harsh environmental conditions
- Expanded temperature range
- 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
- Suitable for the connection of fixed and moving objects such as lamps, heating, electrical equipment, wiring of vehicles, terminal boxes and power supply

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 50306-4, type MM
- EN 45545-2 HL1, HL2, HL3
- Compliant with NFPA 130

Product Make-up

- Conductor : Tinned copper strand, special round conductor
- Insulation : Electron beam cross-linked polyolefin copolymer
- Colour of insulation : black with white numbers
- Individual shield : Tinned copper braid
- Inner sheath : Electron beam cross-linked polyolefin copolymer, Black colour
- Outer sheath : Electron beam cross-linked polyolefin copolymer, Black colour

Technical data

Conductor stranding
Fine wired acc. to EN 50306-2 (SRC=Special Round Conductor)

Minimum bending radius
Fixed installation : 6 x OD, 5 x OD for careful bending, once at connecting terminal

Nominal voltage
U₀/U AC 300 / 500 V, U_m AC 600V, V_o DC 450V

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 GKW IS MP				
85161601	2 X 2 X 0.5	9.9	38.9	128
85161602	3 X 2 X 0.5	10.3	58.3	154
85161603	4 X 2 X 0.5	11.5	77.8	201
85161604	7 X 2 X 0.5	13.6	136.4	282
85161605	2 X 2 X 0.75	10.7	51.5	151
85161606	3 X 2 X 0.75	11.3	77.3	190
85161607	4 X 2 X 0.75	12.6	103.0	245
85161608	7 X 2 X 0.75	15.1	180.7	357
85161609	2 X 2 X 1	11.5	63.0	177
85161610	3 X 2 X 1	12.2	94.5	225
85161611	4 X 2 X 1	13.7	126.0	288
85161612	7 X 2 X 1	16.3	221.0	421
85161613	2 X 2 X 1.5	13.2	90.0	233
85161614	3 X 2 X 1.5	13.9	136.0	298
85161615	4 X 2 X 1.5	15.6	181.0	385
85161616	7 X 2 X 1.5	18.7	320.0	565

- 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.