

Rolling Stock



ÖLFLEX® TRAIN GKW SC



Info

- Meets EN 50306-2 type M
- High temperature resistance : -40°C up to +125°C
- Highly oil- and fuel-resistant

Technical data

- Conductor stranding**
Fine wired acc. to EN 50306-2 (SRC=Special Round Conductor)
- Minimum bending radius**
Fixed installation : 4 x OD, 3 x OD for careful bending, once at connecting terminal
- Nominal voltage**
U0/U AC 300 / 500 V, Um AC 600V, Vo DC 450V
- Temperature range**
Fixed installation : -40°C up to +125°C max.
Occasional flexing : -35°C up to +90°C max.

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

- 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 50306-2, type M
- BS 6853 (Interior use Ia, Ib, & Exterior use Ia, Ib,)
- EN 45545-2 HL1, HL2, HL3
- Compliant with NFPA 130

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 Make-up

- Conductor : Tinned copper strand, special round conductor
- Insulation : Electron beam cross-linked polyolefin copolymer
- Colour : Grey , Black or Green-yellow

Product features

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

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX TRAIN GKW SC					
85161001	1 X 0.5	1.3	grey	4.8	6
85161002	1 X 0.75	1.5	grey	7.2	9
85161003	1 X 1.0	1.7	grey	9.6	11
85161004	1 X 1.5	2.1	grey	14.4	17
85161005	1 X 2.5	2.7	grey	24.4	28
85161011	1 X 0.5	1.3	black	4.8	6
85161012	1 X 0.75	1.5	black	7.2	9
85161013	1 X 1.0	1.7	black	9.6	11
85161014	1 X 1.5	2.1	black	14.4	17
85161015	1 X 2.5	2.7	black	24.4	28
85161021	1 X 0.5	1.3	green-yellow	4.8	6
85161022	1 X 0.75	1.5	green-yellow	7.2	9
85161023	1 X 1.0	1.7	green-yellow	19.2	36
85161024	1 X 1.5	2.1	green-yellow	33.6	55
85161025	1 X 2.5	2.7	green-yellow	62.4	98

• 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.

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 APPENDIX