



Rubber-insulated cables - NSGAFöu 1,8/3kV
special rubber-insulated short-circuit and short-circuit to earth, safe up to 1000V



Technical attributes

Standards	with DIN VDE 0250 part 602
Conductor material	Cu, bare
Conductor type	strands tinned
Conductor standard	DIN VDE 0295
Conductor category	
Outer sheath	Polychloroprene
Outer sheath colour	black
Operating voltage	in three-and single-phase U ₀ / U = 2160/3600 V, 4320/7200 V for direct current systems U ₀ / U = 2700/5400 V, 10 800 V
Temperature at conductor max.	+90 °C
Temperature range min., mobile operation	-25 °C
Temperature range max., mobile operation	+80 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+80 °C
Minimum bending radius mobile operation	ca. 5 x cable Ø
Nominal voltage U ₀ /U	1,8/3 kV
Test voltage	6 kV
RoHS-compliant	yes

Description

Particularly suitable as a short-circuit-proof line in rail vehicles and buses as well as in dry areas and distributors. In switchgear short-and ground-up to 1000 volts

Note

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Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg]	Outer-Ø ca. [mm]	Outer sheath colour
01909001	NSGAFöu 1,8/3kV 1,5	50,00	14,40	5,70	black
01909002	NSGAFöu 1,8/3kV 2,5	65,00	24,00	6,20	black
01909003	NSGAFöu 1,8/3kV 4	80,00	38,40	6,70	black
01909004	NSGAFöu 1,8/3kV 6	105,00	58,00	7,30	black
01909005	NSGAFöu 1,8/3kV 10	165,00	96,00	8,60	black
01909006	NSGAFöu 1,8/3kV 16	230,00	154,00	9,50	black
01909007	NSGAFöu 1,8/3kV 25	350,00	240,00	11,70	black
01909008	NSGAFöu 1,8/3kV 35	460,00	336,00	12,90	black
01909009	NSGAFöu 1,8/3kV 50	600,00	480,00	14,40	black
01909010	NSGAFöu 1,8/3kV 70	790,00	672,00	20,50	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg]	Outer-Ø ca. [mm]	Outer sheath colour
01909011	NSGAFöu 1,8/3kV 95	1070,00	912,00	24,00	black
01909012	NSGAFöu 1,8/3kV 120	1300,00	1152,00	26,00	black
01909013	NSGAFöu 1,8/3kV 150	1581,00	1440,00	28,00	black
01909014	NSGAFöu 1,8/3kV 185	1900,00	1776,00	31,00	black
01909015	NSGAFöu 1,8/3kV 240	2376,00	2304,00	27,60	black
01909016	NSGAFöu 1,8/3kV 300	3150,00	2880,00	38,00	black

