NSGAFöu 1,8/3 kV



Application

This cable is suitable for track bound vehicles and trackless trolley buses as well as for installations in dry locations, in switchboards and distributors up to 1.000 V as a short circuit and earth fault proof cable.

For use in direct current operation (DC) : Uo/U: 2.7/5.4 kV

Standards

DIN VDE 0250 part 602, DIN EN 60811-100 VDE 0473-811-100:2012-12

The cable complies with:
REACH Regulation EC 1907/2006
RoHS Directive 2011/65/EU, (EU) 2015/863

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	fine-stranded tinned copper acc. DIN VDE 0295 cl. 5 and IEC 60228 cl. 5
Core Insulation	EPR rubber
Outer Insulation Material	polychloroprene 5GM3 to DIN VDE 0207 Part 21
Constant Against	abrasion and oil resistant acc. to DIN VDE 0473 Teil 811-2-1, UV-and Ozon resistant

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Technical Data

Nominal Voltage	U_0/U: 1800 /3000 V
Nominal Volatage DC	U_0/U: 2700 /5400 V
Test Voltage	6 kV
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	6
Operating Temperature solid	-40 °C bis 90 °C
Operating Temperature moving	-25 °C bis 90 °C
Short Circuit Temperature	250 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

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Aderleitungen
Insulated Wires

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.	Power Load Air (A) Power Load Air (A)
00407001	1 x 1,5	black - black	50,0	6,0	30
00407002	1 x 2,5	black - black	70,0	6,3	41
00407003	1 x 4	black - black	80,0	6,8	55
00407017	1 x 4	orange - orange	80,0	6,8	55
00407004	1 x 6	black - black	100,0	7,0	70
00407018	1 x 6	orange - orange	100,0	7,0	70
00407005	1 x 10	black - black	160,0	8,5	98
00407006	1 x 16	black - black	230,0	10,0	132
00407007	1 x 25	black - black	360,0	12,0	176
00407008	1 x 35	black - black	460,0	13,5	218
00407009	1 x 50	black - black	620,0	15,0	276
00407010	1 x 70	black - black	820,0	17,0	347
00407011	1 x 95	black - black	1.080,0	19,5	416
00407012	1 x 120	black - black	1.330,0	20,8	488
00407013	1 x 150	black - black	1.630,0	23,4	566
00407014	1 x 185	black - black	1.960,0	25,0	644
00407015	1 x 240	black - black	2.530,0	28,0	775
00407016	1 x 300	black - black	3.090,0	30,0	898
00407019	1 x 400	black - black	4.120,0	35,0	1060
00407020	1 x 500	black - black	5.500,0	38,0	1250

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