Starkstromkabel 6/10 kV
Power Cables 6/10 kV

N2XS(F)2Y



Application

For laying indoors, in cable ducts, outdoors, in ground and water, as well for laying on racks for industrial and switching systems and power stations. The resistant PE sheath can be subject to heavy mechanical loads during installation and operation.

Standards

DIN VDE 0276 part 620

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

Construction

Inner Conductor	stranded copper conductor acc. to DIN VDE 0295 Kl.2 / BS 6360 cl.2 / IEC 60228 cl.2
Core Insulation	conductor screen of semi-conducting compound - XLPE insulation - core screen of semi-conducting compound - semi-conducting swellable tape
Inner Sheath Material	separating tape
Overall Shielding	concentric conductors (copper wires) with copper tape for fixing
Outer Insulation Material	Polyethylene (PE), black

Technical Data

Nominal Voltage	U_0/U: 6 /10 kV
Nominal Volatage DC	U_0/U: 0 /0
Bending Radius fixed (xD)	15
Operating Temperature solid	-20 °C bis 90 °C
Operating Temperature moving	-20 °C bis 90 °C
Short Circuit Temperature	250 °C
Short Circuit Duration	5 sek.

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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 Earth (A) Power Load Earth (A)	Power Load Air (A) Power Load Air (A)
01513005	1 x 35 rm/16	black - black	850,0	25,0	187	197
01513004	1 x 50 rm/16	black - black	960,0	26,0	220	236
01513006	1 x 70 rm/16	black - black	1.350,0	28,0	268	294
01513003	1 x 95 rm/16	black - black	1.620,0	29,0	320	358
01513007	1 x 120 rm/16	black - black	1.800,0	31,0	363	413
01513008	1 x 150 rm/25	black - black	2.000,0	32,0	405	468
01513009	1 x 185 rm/25	black - black	2.500,0	34,0	456	535
01513010	1 x 240 rm/25	black - black	3.000,0	36,0	526	631
01513002	1 x 300 rm/25	black - black	3.600,0	38,0	591	722
01513001	1 x 400 rm/35	black - black	4.600,0	42,0	662	827
01513011	1 x 500 rm/35	black - black	5.550,0	45,0	744	949

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