

N2XS(F)2Y



Application

For laying indoors, in cable ducts, indoors, 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
Overall Shielding	concentric conductors (copper wires) with copper tape for fixing
Outer Insulation Material	Polyethylene (PE), black

Technical Data

Nominal Voltage	U_0/U : 12 /20 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)
01703004	1 x 35 rm/16	black - black	1,075.0	29.0	189	200
01703001	1 x 50 rm/16	black - black	1,250.0	30.0	222	239
01703005	1 x 70 rm/16	black - black	1,700.0	32.0	271	297
01703002	1 x 95 rm/16	black - black	1,750.0	33.0	323	361
01703010	1 x 120 rm/16	black - black	1,990.0	35.0	367	416
01703008	1 x 150 rm/25	black - black	2,460.0	36.0	409	470
01703009	1 x 185 rm/25	black - black	2,740.0	38.0	461	538
01703003	1 x 240 rm/25	black - black	3,400.0	40.0	532	634
01703007	1 x 300 rm/25	black - black	4,200.0	42.0	599	724
01703011	1 x 400 rm/35	black - black	5,100.0	45.0	671	829
01703006	1 x 500 rm/35	black - black	6,250.0	48.0	754	953
01703012	1 x 630 rm/35	black - black	7,120.0	52.0	830	1094