

SE-N1XE-AS 1 kV

Contact

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The cable may be used for fixed installation outdoors in air, ground and water.

DESCRIPTION

SE-N1XE-AS is a halogen free, XLPE-insulated, PE-sheathed cable with sector shaped, stranded aluminium conductors. The cable is designed according to HD 603. The conductors have resistance and number of wires according to SS-EN 60228 class 2. The cores are identified by colours according to HD 308. The sheath is marked type/manufacturer/year+month/metre marking. SE-N1XE-AS is not flame retardant. The cable is certified by SEMKO. The sheath opens with cable tear thread.

Lifemark(TM) recycling marking

The external surface of the outer sheath is embossed with a text which specifies all components in the polymers and prepares the cable for future recycling.

Standards

SE-N1XE-AS is manufactured and tested according to SS 424 14 18. The cable can be loaded in accordance with valid powercurrent regulations and SS 424 14 24.

Certification

Certified by SEMKO.

Quality and environmental management system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.



Lifemark™

STANDARDS

International HD 603 S1/50

National SS 424 14 18



Halogen free
Yes



Conductor flexibility
Stranded



Rated Voltage U₀/U
(Um)
0.6/1 kV



Minimum installation
temperature
-20 °C



Maximum operating
temperature
90 °C



Bending factor when
laying
12 (xD)



Bending factor installed
8 (xD)

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CHARACTERISTICS

Construction characteristics

Conductor material	Aluminum
Insulation	XLPE (chemical)
Outer sheath	PE
Colour	Black
Halogen free	Yes
Conductor flexibility	Stranded
Conductor shape	Sector-shaped stranded (SM)

Electrical characteristics

Rated Voltage U ₀ /U (Um)	0.6/1 kV
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Usage characteristics

Minimum installation temperature	-20 °C
Maximum operating temperature	90 °C
Short-circuit max. conductor temperature	250 °C
Bending factor when laying	12 (xD)
Installation type	Outdoor - Direct burial
Bending factor when installed	8 (xD)

PRODUCT LIST

Nexans ref.	Country ref.	Nb. of cores	Cross section [mm ²]	Nom. outer diam. [mm]	Approx. weight [kg/100m]
 15014798	0012315	4	50	27.0	77.0
 15014898	0012325	4	95	35.0	140.0
 15014998	0012335	4	150	43.0	215.0
 15015098	0012345	4	240	54.0	345.0

 = Make to order,  = In stock

SELLING INFORMATION

SE-N1XE-AS will be delivered in lengths of 500 m. The drum is marked with manufacturer, type of cable and length. The ends of the cable are sealed.