

SOME SEE JUST A CABLE WE SEE AGREATER AGREATER POWER

MEDIUM VOLTAGE CABLES

APPENDIX

This product catalog contains only a small selection of our Medium Voltage Cables. We have more than 3500 cables in stock for daily delivery, so if you need something in this catalog, you can always find it at www.scankab.com.

You can also do as many of our other customers, and contact us at +45 7020 3455.

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PEX-S-AL - 12 KV

Application:

PEX-S-AL is used as an underground cable in distribution networks with voltage up to 12 kV $\,$

Construction:

Conductor:	Solid sector shaped aluminium, extruded semiconducting
Insulation:	XLPE, superclean vulcanized ekstruded, strippable
Screen:	Creepet carbon paper Helically Cu thread with Cu tape applied with clear foil
Outer sheath:	PE, MDPE, UV-stabilized, red



Technical data:

Working temperature:	+90° C
Rated voltage:	7.2/12 kV
Test voltage:	30000 volt AC from conductor to screen for 5 min
Bend radius:	10 x cable diameter
Technical comments:	Short circuit temp.: max 250° C / 5 sec. You can find further data for the cable <u>here</u>

Approvals:

IEC 60502, HD 620 part 6D, CE, RoHS



Properties and installation:



















PEX-S-AL - 12 KV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
961050003	5704403035588	3x50/16	160	Drum	44	1517
961095003	5704403035595	3x95/25	230	Drum	50	2185
961150003	5704403035632	3x150/25	305	Drum	55	2769
961240003	5704403035649	3x240/35	400	Drum	62	3860
960330003		3x300/35	450	Drum	65	5195



X-VOLT NORDIC, single - 12/20 (24) kV AXLJ-F TT - TSLF - PEX-AL-S-LT

Application:

X-VOLT NORDIC is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness
	Conductor screen: cross-linked semiconductor screen (triple- extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple- extrusion)
Screen:	Screen of Cu threads and Cu tape

Outer sheath:

PE, DMP 17, black

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	24 kV
Test voltage:	12/20 kV
Bend radius:	15 x cable diameter

Approvals:



Properties and installation:









MT Media

Medium voltage







X-VOLT NORDIC, single - 12/20 (24) kV AXLJ-F TT - TSLF - PEX-AL-S-LT

SKU EAN Dimension **Current Value** Diameter Weight Packaging (mm²) (mm)* (kg/km)* (A) 606101095 5704403189045 1060 1x95/25 338 Drum 30,3 606101150 5704403189052 1x150/35 440 Drum _ -606101240 5704403189069 1x240/35 593 Drum 38,0 1770 606101300 5704403189076 1x300/35 Drum -_ -606101400 5704403189083 1x400/35 769 Drum 44,4 2350 606101630 5704403189090 1x630/50 1059 Drum 51,9 3365



X-VOLT NORDIC, trefoil - 12/20 (24) kV

AXLJ-F TT - TSLF - PEX-AL-S-LT

Application:

X-VOLT NORDIC is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness
	Conductor screen: cross-linked semiconductor screen (triple- extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple- extrusion)
Screen:	Screen of Cu threads and Cu tape

Outer sheath:

PE, DMP 17, black

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	24 kV
Test voltage:	12/20 kV
Bend radius:	15 x cable diameter

Approvals:



Properties and installation:









MT

Medium voltage cable



Min. working temperature -15°





X-VOLT NORDIC, trefoil - 12/20 (24) kV

AXLJ-F TT - TSLF - PEX-AL-S-LT

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	606131095	5704403189106	3x1x95/25	280	Drum	65,2	3210
	606131150	5704403189113	3x1x150/35	368	Drum	71,4	3900
ī	606131240	5704403189120	3x1x240/35	502	Drum	81,8	5365
	606131300	5704403189137	3x1x300/35	-	Drum	-	-
7	606131400	5704403189144	3x1x400/35	673	Drum	-	-



X-VOLT NORDIC, single - 18/30 (36) kV AXLJ-F TT - TSLF - PEX-AL-S-LT

Application:

X-VOLT NORDIC is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness
	extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple- extrusion)
Screen:	Screen of Cu threads and Cu tape

Outer sheath:

PE, DMP 17, black

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	36 kV
Test voltage:	18/30 kV
Bend radius:	15 x cable diameter

Approvals:



Properties and installation:









M

Medium voltage cable







X-VOLT NORDIC, single - 18/30 (36) kV

AXLJ-F TT - TSLF - PEX-AL-S-LT

	3K0	EAN	(mm ²)	(A)	Раскадінд	(mm)*	(kg/km)*
	606201095	5704403189151	1x95/25	338	Drum	-	-
	606201150	5704403189168	1x150/35	440	Drum	38,9	1640
I	606201240	5704403189175	1x240/35	593	Drum	43,2	2055
	606201300	5704403189182	1x300/35	-	Drum	-	-
I	606201400	5704403189199	1x400/35	769	Drum	49,8	2735
	606201630	5704403189205	1x630/50	1059	Drum	57,3	3785



X-VOLT NORDIC, trefoil - 18/30 (36) kV

AXLJ-F TT - TSLF - PEX-AL-S-LT

Application:

X-VOLT NORDIC is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2 Hygroscopic tapes applied in order to achieve longitudinal watertightness
	Conductor screen: cross-linked semiconductor screen (triple- extrusion)
Insulation:	Cross-linked polyethylene, DIX8 Insulation screen: cross-linked semiconductor screen (triple- extrusion)
Screen:	Screen of Cu threads and Cu tape

Outer sheath:

PE, DMP 17, black

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	36 kV
Test voltage:	18/30 kV
Bend radius:	15 x cable diameter

Approvals:



Properties and installation:











Medium voltage cable



Min. working temperature -15°





X-VOLT NORDIC, trefoil - 18/30 (36) kV

AXLJ-F TT - TSLF - PEX-AL-S-LT

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	606231095	5704403189229	3x1x95/25	280	Drum	-	-
	606231150	5704403189113	3x1x150/35	368	Drum	83,5	4990
T	606231240	5704403189243	3x1x240/35	502	Drum	92,7	6265
	606231300	5704403189212	3x1x300/35	-	Drum	-	-
	606231400	5704403189250	3x1x400/35	673	Drum	-	-



X-VOLT RHZ1-OL, AL - 12/20 kV

Application:

X-VOLT RHZ1-OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Electrolytic compressed aluminium, class 2 acc. to EN 60228/IEC 60228 Semiconducting layer around the conductor
Insulation:	XLPE. Semiconducting layer around the isolation. Easy strippable
Screen:	Screen of Cu threads and hygroscopic tape
Outer sheath:	Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red
Comments:	Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-20L



Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	12/20 (24) kV
Bend radius:	15 x cable diameter
Technical comments:	Short circuit temp.: max 250° C / 5 sec

Can be buried

Approvals:

EN 50267 / IEC 60754, EN 60228 / IEC 60228, IEC 60502-2, UNE-HD 620-10E, CE, RoHS



Properties and installation:









Low emission of corrosive gases acc. to IEC 60754

90° Max. working temp. +90° C



X-VOLT RHZ1-OL, AL - 12/20 kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
10301095.W	5704403063642	1x95/16	255	Drum	31,2	980
10301150.W	5704403063659	1x150/16	335	Drum	34,8	1235
10301185.W	-	1x185/16	385	Drum	36,6	1380
10301240.W	5704403063147	1x240/16	455	Drum	39,1	1610
10301240H25W	5704403063727	1x240/25	455	Drum	39,6	1740
10301300.W	5704403174454	1x300/16	520	Drum	40,9	1820
10301400.W	5704403054923	1x400/16	610	Drum	45,0	2175
10301500.W	5704403174461	1x500/16	720	Drum	48,6	2530
10301630.W	5704403090662	1x630/16	840	Drum	53,1	3070
10301630.H50W	5704403075737	1x630/50	840	Drum	53,1	3070



X-VOLT RHZ1-OL, AL - 18/30 kV

Application:

X-VOLT RHZ1-OL, AL is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Electrolytic compressed aluminium, class 2
Insulation:	XLPE. Semiconducting layer around the isolation. Easy strippable
Screen:	Screen of Cu threads and Cu tape
Outer sheath:	Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red
Comments:	Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-2OL



Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	18/30 (36) kV
Bend radius:	15 x cable diameter
Technical comments:	Short circuit temp.: max 250° C / 5 sec.

Approvals:

EN 50267 / IEC 60754, EN 60228 / IEC 60228, IEC 60502-2, UNE-HD 620-5E1, CE, RoHS



Properties and installation:











Low emission of corrosive gases acc. to IEC 60754

Max. working temp. +90° C



X-VOLT RHZ1-OL, AL - 18/30 kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	10401095.W	5704403061082	1x95/16	255	Drum	37,9	1290
	10401150.W	5704403174485	1x150/16	335	Drum	40,4	1520
1	10401240.W	5704403063680	1x240/16	455	Drum	44,4	1920
	10401400.W	5704403063697	1x400/16	610	Drum	49,5	2630
1	10401500.W	5704403174522	1x500/16	720	Drum	54,4	2995
	10401630.W	5704403174539	1x630/16	840	Drum	58,1	3580



Application:

X-VOLT RHZ1-OL, CU is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Electrolytic annealed Cu, class 2 acc. to EN 60228/IEC 60228		
	Semiconducting layer around the conductor		
Insulation:	XLPE. Semiconducting layer around the isolation. Easy strippable		
Screen:	Screen of Cu threads and hygroscopic tape		
Outer sheath:	Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red		
Comments:	Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-2OL		



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CABLES

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	6/10 (12) kV
Bend radius:	15 x cable diameter
Technical comments:	Short circuit temp.: max 250° C / 5 sec

Approvals:

EN 50267 / IEC 60754, EN 60228 / IEC 60228, IEC 60502-2, UNE-HD 620-10E, CE, RoHS



Properties and installation:









For industrial use





Low emission of corrosive gases acc. to IEC 60754







X-VOLT RHZ1-OL, CU - 6/10 (12) kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	10201095.H16W	-	1x95/16	335	Drum	27,5	1470
	10201150.H16W	-	1x150/16	435	Drum	31,0	2000
j	10201240.H16W	-	1x240/16	590	Drum	35,8	2956
	10201300.H16W	-	1x300/16	680	Drum	39,2	3645
j	10201400.H16W	-	1x400/16	790	Drum	43,1	4585
1	10201500.H16W	-	1x500/16	930	Drum	44,2	5530

X-VOLT RHZ1-OL, CU - 12/20 (24) kV

Application:

X-VOLT RHZ1-OL, CU is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Electrolytic annealed Cu, class 2 acc. to EN 60228/IEC 60228		
	Semiconducting layer around the conductor		
Insulation:	XLPE. Semiconducting layer around the isolation. Easy strippable		
Screen:	Screen of Cu threads and hygroscopic tape		
Outer sheath:	Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red		
Comments:	Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-20L		



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CABLES

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	12/20 (24) kV
Bend radius:	15 x cable diameter
Technical comments:	Short circuit temp.: max 250° C / 5 sec

Approvals:

EN 50267 / IEC 60754, EN 60228 / IEC 60228, IEC 60502-2, UNE-HD 620-10E, CE, RoHS



Properties and installation:









Low emission of corrosive gases acc. to IEC 60754





For industrial use



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X-VOLT RHZ1-OL, CU - 12/20 (24) kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	10301095.H16W	-	1x95/16	335	Drum	29,4	1505
	10301150.H16W	-	1x150/16	435	Drum	32,6	2055
Î	10301240.H16W	-	1x240/16	590	Drum	38,3	3040
	10301300.H16W	-	1x300/16	680	Drum	41,0	3645
Î	10301400.H16W	-	1x400/16	790	Drum	44,7	4585
	10301500.H16W	-	1x500/16	930	Drum	45,6	5530

X-VOLT RHZ1-OL, CU - 18/30 (36) kV

Application:

X-VOLT RHZ1-OL, CU is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Electrolytic annealed Cu, class 2 acc. to EN 60228/IEC 60228			
	Semiconducting layer around the conductor			
Insulation:	XLPE. Semiconducting layer around the isolation. Easy strippable			
Screen:	Screen of Cu threads and hygroscopic tape			
Outer sheath:	Halogen free polyolefine type DMZ1 acc. to 620-1 and type ST7 acc. to IEC 60502-2, red			
Comments:	Optional: Hygroscopic tape is made to achieve longitudinal watertightness on the conductor, type X-VOLT RHZ1-2OL			



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CABLES

Technical data:

Working temperature:	-15° C to +90° C
Rated voltage:	18/30 (36) kV
Bend radius:	15 x cable diameter
Technical comments:	Short circuit temp.: max 250° C / 5 sec

Approvals:

EN 50267 / IEC 60754, EN 60228 / IEC 60228, IEC 60502-2, UNE-HD 620-10E, CE, RoHS



Properties and installation:













Low emission of corrosive gases acc. to IEC 60754



Max. short circuit temp. +250° C







For industrial use









X-VOLT RHZ1-OL, CU - 18/30 (36) kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	10401095.H16W	-	1x95/16	335	Drum	33,0	1680
	10401150.H16W	-	1x150/16	435	Drum	37,8	2310
j	10401240.H16W	-	1x240/16	590	Drum	41,1	3205
	10401300.H16W	-	1x300/16	680	Drum	45,2	3935
j	10401400.H16W	-	1x400/16	790	Drum	48,9	4905
	10401500.H16W	-	1x500/16	930	Drum	50,3	5880
1	10401630.H16W		1x630/16	1110	Drum	56,6	7470



X-VOLT FR-N20XA8E-AR, 1 conductor - 12/20 kV

Application:

X-VOLT FR-N20XA8E-AR is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2
Insulation:	Cross-linked polyethylene insulation, type PR, natural color. Cross-linked in catenary line with nitrogen atmosphere.
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
Screen:	Strippable cross-linked semiconductor screen applied over insulation in a triple-extrusion process. Aluminium foil.
Outer sheath:	Polyolefin, black



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Technical data:

Working temperature:	-15 °C to +90 °C
Rated voltage:	12/20 kV
Test voltage:	42 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60754, NF C 33-226, EN 60228,

CE ROHS

Properties and installation:









Max. short circuit temp. +250° C

Max. working temp. +90° C



X-VOLT FR-N20XA8E-AR, 1 conductor - 12/20 kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	10301050.FR#	5704403190195	1x50	201	Drum	-	705
	10301095.FR#	5704403190201	1x95	295	Drum	29,1	870
l	10301150.FR#	5704403190218	1x150	377	Drum	30,7	1035
	10301240.FR#	5704403190225	1x240	497	Drum	35,0	1425
l	10301400.FR#	5704403190232	1x400	639	Drum	40,9	1985
	10301500.FR#	5704403190249	1x500	-	Drum	-	-
ľ	10301630.FR#	5704403190256	1x630	846	Drum	48,1	2830



X-VOLT FR-N20XA8E-AR, 3 conductor - 12/20 kV

Application:

X-VOLT FR-N20XA8E-AR is used for medium voltage installations or distribution networks both indoors and outdoors.

Ex. for the supply of transformer stations, infrastructure, wind turbines, solar parks, factory plants, data centers along with others.

Construction:

Conductor:	Aluminium, cl. 2
Insulation:	Cross-linked polyethylene insulation, type PR, natural color. Cross-linked in catenary line with nitrogen atmosphere.
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
Screen:	Strippable cross-linked semiconductor screen applied over insulation in a triple-extrusion process. Aluminium foil.
Outer sheath:	Polyolefin, black



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Technical data:

Working temperature:	-15 °C to +90 °C
Rated voltage:	12/20 kV
Test voltage:	42 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60754, NF C 33-226, EN 60228,

CE ROHS

Properties and installation:











Max. working temp. +90° C



X-VOLT FR-N20XA8E-AR, 3 conductor - 12/20 kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	1033T050.FR#	5704403190263	3x1x50	201	Drum	58,3	2115
	1033T095.FR#	5704403190270	3x1x95	295	Drum	62,6	2625
l	1033T150.FR#	5704403190287	3x1x150	377	Drum	66,1	3135
	1033T240.FR#	5704403190294	3x1x240	497	Drum	75,3	4315
Î	1033T400.FR#	5704403190300	3x1x400	639	Drum	88,0	6000
	1033T500.FR#	5704403190317	3x1x500	-	Drum	-	-
Î	1033T630.FR#	5704403190324	3x1x630	846	Drum	103,5	8605





N2XSY 1-conductor, CU - 6/10 (12) kV

Application:

N2XSY is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round Cu threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PVC. red



Technical data:

Working temperature:	-5° C to +90° C
Rated voltage:	6/10 kV (12 kV)
Test voltage:	24 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, IEC 60332-1-2, CE, RoHS



Properties and installation:









Max. working temp. +90° C

Medium voltage cable







N2XSY 1-conductor, CU - 6/10 (12) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011292	5704403045525	1X35/16	197	Drum	24	920
871011288	5704403038978	1X50/16	236	Drum	25	1100
871011289	5704403045006	1X70/16	294	Drum	27	1300
871011326	5704403037872	1X95/16	358	Drum	28	1600
871011290	-	1X120/16	413	Drum	30	1850
871011327	-	1X150/16	468	Drum	31	2050
871011291	5704403060887	1X150/25	468	Drum	31	2200
871011328	-	1X185/16	535	Drum	33	2450
871011329	5704403151301	1X185/25	535	Drum	33	2550
871011330	-	1X240/16	631	Drum	35	3000
871011294	5704403056286	1X240/25	631	Drum	35	3150
871011331	5704403051205	1X300/25	722	Drum	37	3750
871011332	-	1X400/35	827	Drum	41	4650
871011333	-	1X500/35	949	Drum	44	5700
871011976	-	1X630/35	1090	Drum	49	7090



N2XSY 1-conductor, CU - 12/20 (24) kV

Application:

N2XSY is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round Cu threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PVC. red



Technical data:

Working temperature:	-5° C to +90° C
Rated voltage:	12/20 kV (24 kV)
Test voltage:	42 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, IEC 60332-1-2, CE, RoHS



Properties and installation:









Max. working temp. +90° C

Medium voltage cable





N2XSY 1-conductor, CU - 12/20 (24) kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	871011295	-	1X35/16	200	Drum	28	1100
	871011296	5704403037261	1X50/16	239	Drum	29	1250
1	871011297	-	1X70/16	297	Drum	31	1500
	871011298	5704403119912	1X95/16	361	Drum	32	1800
1	871011318	-	1X120/16	416	Drum	34	2050
	871011334	-	1X150/16	470	Drum	35	2300
1	871011335	5704403114313	1X150/25	470	Drum	35	2400
	871011336	-	1X185/16	538	Drum	37	2650
	871011299	5704403056262	1X185/25	538	Drum	37	2800
	871011337	5704403056279	1X240/16	634	Drum	40	3250
	871011338	-	1X240/25	634	Drum	40	3400
	871012691	-	1X240/50	634	Drum	40	3499
	871011339	5704403037896	1X300/25	724	Drum	42	4000
	871011341	5704403185313	1X400/35	829	Drum	45	4950
1	871011340	-	1X500/35	953	Drum	49	6050
	871012566	-	1X630/35	1075	Drum	53	7090
7	871011529	-	1X800/35	1205	Drum	60	9032
	871012692	-	1X800/50	1205	Drum	60	9249



N2XSY 1-conductor, CU - 18/30 (36) kV

Application:

N2XSY is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round Cu threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PVC. red



Technical data:

Working temperature:	-5° C to +90° C
Rated voltage:	18/30 kV (36 kV)
Test voltage:	63 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, IEC 60332-1-2, CE, RoHS



Properties and installation:









Max. working temp. +90° C

Medium voltage cable





N2XSY 1-conductor, CU - 18/30 (36) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871013657	-	1X35/16	202	Drum	33	1350
871011342	5704403118090	1X50/16	241	Drum	34	1550
871011343	-	1X70/16	299	Drum	36	1750
871011344	-	1X95/16	363	Drum	37	2050
871011345		1X120/16	418	Drum	39	2350
871011346	-	1X150/25	472	Drum	40	2700
871011347		1X185/25	539	Drum	42	3100
871011348	-	1X240/25	635	Drum	44	3700
871011349	-	1X300/25	725	Drum	47	4350
871011350	-	1X400/35	831	Drum	50	5350
871011351	-	1X500/35	953	Drum	53	6450
871014272	-	1X800/35	-	Drum	62	9500



NA2XSY 1-conductor, AL - 6/10 (12) kV

Application:

NA2XSY is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round alu-threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PVC. red



Technical data:

Working temperature:	-5° C to +90° C
Rated voltage:	6/10 kV (12 kV)
Test voltage:	21 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, IEC 60332-1-2, CE, RoHS



Properties and installation:











Max. working temp. +90° C

Medium voltage cable





NA2XSY 1-conductor, AL - 6/10 (12) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011392	-	1X50/16	183	Drum	25	780
871011393	-	1X70/16	228	Drum	27	870
871012614	-	1X70/35	228	Drum	27	1395
871011394	-	1X95/16	278	Drum	28	990
871011395	-	1X120/16	321	Drum	30	1100
871012615	-	1X120/50	321	Drum	30	1659
871011396	5704403172788	1X150/16	364	Drum	31	1250
871011397	-	1X150/25	364	Drum	31	1300
871011398	-	1X185/16	418	Drum	33	1400
871011399	-	1X185/25	418	Drum	33	1450
871011400	-	1X240/16	494	Drum	35	1600
871011401	-	1X240/25	494	Drum	35	1650
871011402	-	1X300/25	568	Drum	37	1950
871011403	-	1X400/35	660	Drum	41	2350
871011404	-	1X500/35	767	Drum	44	2700
871014005	-	1X630/35	-	Drum	44	2996



NA2XSY 1-conductor, AL - 12/20 (24) kV

Application:

NA2XSY is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round alu-threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PVC. red



Technical data:

Working temperature:	-5° C to +90° C
Rated voltage:	12/20 kV (24 kV)
Test voltage:	42 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, IEC 60332-1-2, CE, RoHS



Properties and installation:









Max. working temp. +90° C

Medium voltage cable



Min. working temperature -5° C


NA2XSY 1-conductor, AL - 12/20 (24) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011405	-	1X50/16	185	Drum	29	970
871011406	-	1X70/16	231	Drum	31	1100
871011407	-	1X95/16	280	Drum	32	1200
871011408	-	1X120/16	323	Drum	34	1350
871013031	-	1X120/25	323	Drum	34,4	1320
871011409	-	1X150/16	366	Drum	35	1450
871011410		1X150/25	366	Drum	35	1500
871011411	-	1X185/16	420	Drum	37	1650
871011412	-	1X185/25	420	Drum	37	1700
871011413	-	1X240/16	496	Drum	40	1850
871011414	-	1X240/25	496	Drum	40	1900
871011415	-	1X300/25	569	Drum	42	2200
871012922	-	1X300/50	569	Drum	42	2200
871011416	-	1X400/35	659	Drum	45	2600
871012923		1X400/50	659	Drum	45	2200
871011404	-	1X500/35	766	Drum	48	3000
871014006	_	1X630/35		Drum	52	3299



NA2XSY 1-conductor, AL - 18/30 (36) kV

Application:

NA2XSY is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round alu-threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PVC. red



Technical data:

Working temperature:	-5° C to +90° C
Rated voltage:	18/30 kV (36 kV)
Test voltage:	63 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, IEC 60332-1-2, CE, RoHS



Properties and installation:













Max. working temp. +90° C



NA2XSY 1-conductor, AL - 18/30 (36) kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	871011418	-	1X50/16	187	Drum	34	1250
	871011419	-	1X70/16	232	Drum	36	1350
ī	871012965	-	1X70/25	232	Drum	37	1250
	871011420	-	1X95/16	282	Drum	37	1500
ī	871011421	-	1X120/16	325	Drum	39	1600
	871011422	-	1X150/16	367	Drum	40	1750
	871011423		1X150/25	367	Drum	40	1850
	871011424	-	1X185/16	421	Drum	42	1950
	871011425	-	1X185/25	421	Drum	42	2000
	871011426	-	1X240/16	496	Drum	44	2200
	871011427	-	1X240/25	496	Drum	44	2250
	871011428	-	1X300/25	568	Drum	47	2550
	871011429	-	1X400/35	660	Drum	50	3000
	871011430	-	1X500/35	764	Drum	53	3450
1	871013137	-	1X630/35	890	Drum	57,3	3607
	871014099	-	1X1000/35	-	Drum	66	5200



NA2XS2Y 1-conductor, Cu - 12/20 (24) kV

Application:

NA2XS2Y is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round alu-threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PE, black



Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	12/20 kV (24 kV)
Test voltage:	42 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, CE, RoHS



Properties and installation:





Max. working temp. +90° C



Medium voltage cable



UV-resistant

int



NA2X52Y 1-conductor, Cu - 12/20 (24) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871012811	-	1X35/16	155	Drum	28	725
871011443	-	1X50/16	185	Drum	29	830
871011444	-	1X70/16	231	Drum	31	920
871013027	-	1X70/25	231	Drum	32	1332
871011324	5704403080960	1X95/16	280	Drum	32	1050
871011323	-	1X120/16	323	Drum	34	1150
871013075		1X120/50	323	Drum	33,8	1427
871011445	-	1X150/16	366	Drum	35	1300
871011325	-	1X150/25	366	Drum	35	1350
871011446	-	1X185/16	420	Drum	37	1450
871011321	-	1X185/25	420	Drum	37	1550
871011449	-	1X240/16	496	Drum	40	1650
871011448	-	1X240/25	496	Drum	40	1750
871013076	-	1X240/50	496	Drum	39,2	1898
871011450	-	1X300/25	569	Drum	42	2000
871011451	-	1X400/35	630	Drum	45	2400
871011452	-	1X500/35	766	Drum	48	2800
871013077	-	1X500/50	766	Drum	47,7	2843
871012227		1X630/35	890	Drum	52	3297
871013152	-	1X800/35	1015	Drum	58	3900



NA2XS2Y 1-conductor, Cu - 18/30 (36) kV

Application:

NA2XS2Y is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round alu-threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PE, black



Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	18/30 kV (36 kV)
Test voltage:	63 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, CE, RoHS



Properties and installation:





Max. working temp. +90° C



Medium voltage cable



UV-resistant

ant



NA2X52Y 1-conductor, Cu - 18/30 (36) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011453	-	1X50/16	187	Drum	34	1100
871011454	-	1X70/16	232	Drum	36	1200
871011455	-	1X95/16	282	Drum	37	1300
871011456	-	1X120/16	325	Drum	39	1450
871011457	-	1X150/25	367	Drum	40	1650
871011458	-	1X185/25	421	Drum	42	1800
871011459	-	1X240/25	496	Drum	44	2050
871011460	-	1X300/25	568	Drum	47	2300
871011461	-	1X400/35	659	Drum	50	2750
871011462	-	1X500/35	764	Drum	53	3150
871013116	-	1X630/35	890	Drum	62	3770



N2X52Y 1-conductor, Cu - 6/10 (12) kV

Application:

N2XS2Y is used for installations indoor as well as outdoor, above or directly in the ground, in tubes or water.

Construction:

Conductor:	Round Cu threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE insulated Semi conducting layer around the insulation
Filling sheath:	Tape of conductive material
Screen:	Cu threads over tape material
Outer sheath:	PE, black



Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	6/10 kV (12 kV)
Test voltage:	24 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, CE, RoHS



Properties and installation:





Max. working temp. +90° C



Medium voltage cable



UV-resistant

sistant



N2XS2Y 1-conductor, Cu - 6/10 (12) kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*	
	871011352	5704403182053	1X35/16	197	Drum	24	900	
	871011353	-	1X50/16	236	Drum	25	950	
1	871011354	-	1X70/16	294	Drum	27	1200	
	871013132	-	1X70/50	294	Drum	27,5	1474	
1	871011355	-	1X95/16	358	Drum	28	1450	
	871011356	-	1X120/16	413	Drum	30	1700	
1	871011357	-	1X150/16	468	Drum	31	1950	
	871011358	-	1X150/25	470	Drum	31	2050	
1	871013133	-	1X150/50	470	Drum	31,8	2271	
	871011359	-	1X185/16	535	Drum	33	2350	
1	871011360	-	1X185/25	535	Drum	33	2400	
	871011361	-	1X240/16	631	Drum	35	2900	
1	871011362	5704403046966	1X240/25	631	Drum	35	2950	
	871013134	-	1X240/50	631	Drum	35,6	3164	
1	871011363	-	1X300/25	722	Drum	37	3550	
	871011364	-	1X400/35	827	Drum	41	4500	
7	871011365	_	1X500/35	949	Drum	44	5500	



N2XS(F)2Y - 6/10 (12) kV

Application:

N2XS(F)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

Conductor:	Bare stranded Cu, class 2 Extruded semi-conducting layer around the conductor
Insulation:	XLPE DIX8 Extruded semi-conducting layer around the insulation Semi-conducting water blocking tape
Screen:	Cu threads and Cu counter helix over tape material Water blocking tape
Outer sheath:	Polyethylene DMP2, black
Comments:	Laminated sheath Polymer laminated aluminum tape 0.25mm PE-sheath Cross and longitudinal watertightness



Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	6/10 kV (12 kV)
Test voltage:	21 kV
Bend radius:	15 x cable diameter

Approvals:

VDE 0276-620, CE, RoHS



Properties and installation:









90° Max. working temp. +90° C

rking 90° C



N2X5(F)2Y - 6/10 (12) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871013261	-	1X35/16	197	Drum	24	820
871011479	-	1X50/16	236	Drum	25	1150
871011480	-	1X70/16	294	Drum	27	1400
871011481	-	1X95/16	358	Drum	28	1650
871011482	-	1X120/16	413	Drum	30	1900
871011483	-	1X150/25	468	Drum	31	2300
871011484		1X185/25	535	Drum	33	2650
871011485	-	1X240/25	631	Drum	35	3250
871011486	5704403160471	1X300/25	722	Drum	37	3850
871011487	-	1X400/35	827	Drum	41	4800
871011488	-	1X500/35	949	Drum	44	5900
871012224	-	1X630/35	1090	Drum	49	7014
871014387	-	1X800/35	-	Drum	57	8800





Application:

NA2XS(F)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

Conductor:	Bare stranded Cu, class 2 Extruded semi-conducting layer around the conductor		
Insulation:	XLPE DIX8 Extruded semi-conducting layer around the insulation Semi-conducting water blocking tape		
Screen:	Cu threads and Cu counter helix over tape material Water blocking tape		
Outer sheath:	Polyethylene DMP2, black		
Comments:	Laminated sheath Polymer laminated aluminum tape 0.25mm PE-sheath Cross and longitudinal watertightness		



Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	12/20 kV (24 kV)
Test voltage:	42 kV
Bend radius:	15 x cable diameter

Approvals:

VDE 0276-620, CE, RoHS



Properties and installation:

temperature -20°





Outdoor use







Max. working temp. +90° C





N2X5(F)2Y - 12/20 (24) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011546	-	1X50/16	200	Drum	28	1300
871011489	-	1X50/16	239	Drum	29	1350
871011490	-	1X70/16	297	Drum	31	1600
871011317	5704403186921	1X95/16	361	Drum	32	1900
871011491	-	1X120/16	416	Drum	34	2150
871011306	-	1X150/25	366	Drum	36	1300
871011492	-	1X150/25	470	Drum	35	2500
871011309	-	1X185/25	538	Drum	37	2900
871011493	5704403040704	1X240/25	634	Drum	40	3500
871011494	5704403186181	1X300/25	724	Drum	42	4150
871011495	-	1X400/35	829	Drum	45	5100
871011496	-	1X500/35	953	Drum	48	6200
871012225	-	1X630/35	1094	Drum	52	7365
871013843	-	1X800/35	-	Drum	57	8800
871014083	-	1X1000/35	1391	Drum	61	10900



N2X5(F)2Y - 18/30 (36) kV

Application:

N2XS(F)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

Conductor:	Bare stranded Cu, class 2 Extruded semi-conducting layer around the conductor
Insulation:	XLPE DIX8 Extruded semi-conducting layer around the insulation Semi-conducting water blocking tape
Screen:	Cu threads and Cu counter helix over tape material Water blocking tape
Outer sheath:	Polyethylene DMP2, black
Comments:	Laminated sheath Polymer laminated aluminum tape 0.25mm PE-sheath Cross and longitudinal watertightness



Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	18/30 kV (36 kV)
Test voltage:	63 kV
Bend radius:	15 x cable diameter

Approvals:

VDE 0276-620, CE, RoHS



Properties and installation:









90° Max. working temp. +90° C

rking IO° C



N2X5(F)2Y - 18/30 (36) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011516	-	1X50/16	241	Drum	34	1650
871011517	-	1X70/16	299	Drum	36	1900
871011526	5704403174805	1X95/16	363	Drum	37	2150
871011519	-	1X120/16	4118	Drum	39	2450
871011520	-	1X150/25	472	Drum	40	2750
871011521	-	1X185/25	539	Drum	42	3150
871011972		1X185/35	539	Drum	42	2955
871011522	-	1X240/25	635	Drum	44	3800
871012216	-	1X240/70	539	Drum	44	3786
871011523	-	1X300/25	725	Drum	47	4400
871011524	-	1X400/35	831	Drum	50	5450
871011525	-	1X500/35	953	Drum	53	6550
871012226	-	1X630/35	1094	Drum	58	7803
871013743	-	1X800/35	1250	Drum	62	9300
871014084	-	1X1000/35	-	Drum	67	11400



NA2XS(F)2Y - 6/10 (12) kV

Application:

NA2XS(F)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

Conductor:	Alu-threads, class 2 Extruded semi-conducting layer around the conductor
Insulation:	XLPE DIX8 Extruded semi-conducting layer around the insulation Semi-conducting water blocking tape
Screen:	Cu threads and Cu counter helix over tape material Water blocking tape
Outer sheath:	Polyethylene DMP2, black
Comments:	Laminated sheath Polymer laminated aluminum tape 0.25 mm PE-sheath Cross and longitudinal watertightness



Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	6/10 kV (12 kV)
Test voltage:	21 kV
Bend radius:	15 x cable diameter

Approvals:

VDE 0276-620, CE, RoHS



Properties and installation:

temperature -20°



Outdoor use







Max. working temp. +90° C





NA2X5(F)2Y - 6/10 (12) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011463	-	1X50/16	183	Drum	25	850
871011464	-	1X70/16	228	Drum	27	950
871011465	-	1X95/16	278	Drum	28	1100
871011466	-	1X120/16	321	Drum	30	1200
871011467		1X150/25	364	Drum	31	1400
871011468	-	1X185/25	418	Drum	33	1550
871011469	-	1X240/25	494	Drum	35	1750
871011470	-	1X300/25	568	Drum	37	2050
871011471	-	1X400/35	660	Drum	40	2450
871012925	-	1X400/50	660	Drum	40	2200
871011472	-	1X500/35	767	Drum	44	2850
871012053	-	1X630/35	890	Drum	49	2969
871013230	-	1X800/35	1022	Drum	52	3400
871013032	-	1X1000/35	1151	Drum	63	4780



NA2XS(F)2Y - 12/20 (24) kV

Application:

NA2XS(F)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

Conductor:	Alu-threads, class 2 Extruded semi-conducting layer around the conductor
Insulation:	XLPE DIX8 Extruded semi-conducting layer around the insulation Semi-conducting water blocking tape
Screen:	Cu threads and Cu counter helix over tape material Water blocking tape
Outer sheath:	Polyethylene DMP2, black
Comments:	Laminated sheath Polymer laminated aluminum tape 0.25 mm PE-sheath Cross and longitudinal watertightness



Technical data:

Working temperature:	-20° C to +90° C	
Rated voltage:	12/20 kV (24 kV)	
Test voltage:	42 kV	
Bend radius:	15 x cable diameter	

Approvals:

VDE 0276-620, CE, RoHS



Properties and installation:

temperature -20°





Outdoor use





Max. working temp. +90° C





NA2XS(F)2Y - 12/20 (24) kV

	SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
	871011473	-	1X50/16	185	Drum	29	1050
	871011474	-	1X70/16	231	Drum	31	950
l	871011320	-	1X95/16	280	Drum	32	1300
	871011319	-	1X120/16	323	Drum	34	1450
l	871012785	-	1X150/16	366	Drum	36	1254
	871011306	-	1X150/25	366	Drum	36	1300
l	871013062		1X150/50	366	Drum	36,4	1560
	871011307	-	1X185/25	420	Drum	37	1800
l	871011308	-	1X240/25	496	Drum	40	2050
	871011475	-	1X300/25	569	Drum	42	2300
l	871013063	-	1X300/50	569	Drum	42	2120
	871011476	-	1X400/35	660	Drum	45	2800
l	871011477	-	1X500/35	766	Drum	48	3200
	871013064	-	1X500/50	766	Drum	48,3	2840
l	871011838	-	1X630/35	890	Drum	52	3268
	871013065	5704403095360	1X630/35	890	Drum	52,2	3320
l	871012258	-	1X800/35	1015	Drum	60	3973
	871013121	-	1X1000/35	1135	Drum	62,6	4610



NA2XS(F)2Y - 18/30 (36) kV

Application:

NA2XS(F)2Y is used for installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or during operation. The water blocking tape avoids water propagation inside the cable.

Construction:

Conductor:	Alu-threads, class 2 Extruded semi-conducting layer around the conductor
Insulation:	XLPE DIX8 Extruded semi-conducting layer around the insulation Semi-conducting water blocking tape
Screen:	Cu threads and Cu counter helix over tape material Water blocking tape
Outer sheath:	Polyethylene DMP2, black
Comments:	Laminated sheath Polymer laminated aluminum tape 0.25 mm PE-sheath Cross and longitudinal watertightness



JKAB

Technical data:

Working temperature:	-20° C to +90° C
Rated voltage:	18/30 kV (36 kV)
Test voltage:	63 kV
Bend radius:	15 x cable diameter

Approvals:

VDE 0276-620, CE, RoHS



Properties and installation:









Max. working temp. +90° C





NA2XS(F)2Y - 18/30 (36) kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
871011534	-	1X50/16	187	Drum	34	1350
871011478	-	1X70/16	232	Drum	36	1450
871011535	-	1X95/16	282	Drum	37	1600
871013275	-	1X95/35	282	Drum	37,5	1420
871011536	-	1X120/16	323	Drum	34	1450
871013276	-	1X120/35	325	Drum	39	1560
871011537	-	1X150/25	367	Drum	40	1950
871013279	-	1X150/35	367	Drum	40,5	1670
871011538	-	1X185/25	421	Drum	42	2150
871013277	-	1X185/35	421	Drum	42	1825
871011539	-	1X240/25	496	Drum	44	2400
871011540	-	1X300/25	568	Drum	47	2700
871013280	-	1X300/35	568	Drum	46	2285
871011541	-	1X400/35	659	Drum	50	3200
871011542	-	1X500/35	764	Drum	53	3650
871013278	-	1X500/50	764	Drum	54,5	3310
871012223	-	1X630/35	890	Drum	60	3738
871013067	-	1X800/35	1015	Drum	65	4367
871013568	-	1X1000/35		Drum	66	4800

N2XSEY 3 conductor, CU - 6/10 (12) kV

Application:

N2XSEY is for indoor as well as outdoor use. May be placed directely in the ground, tubes or even in water.

Construction:

Conductor:	Round Cu threads, class 2 Semi conducting layer around the conductor
Insulation:	XLPE Semi conducting layer around the insulation
Filling sheath:	Extruded filling sheath
Screen:	Helically applied Cu threads over tape material
Outer sheath:	PVC DMV6, red, UV stabilized



SCA

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Technical data:

Working temperature:	+90° C
Rated voltage:	6-10 kV (12 kV)
Test voltage:	21 kV
Bend radius:	15 x cable diameter

Approvals:

IEC 60502, IEC 60228, IEC 60332-1, CE, RoHS



Properties and installation:









90[°] Max. temp

Max. working temp. +90° C Medium voltage cable



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N2XSEY 3 conductor, CU - 6/10 (12) kV

SKU	EAN	Dimension (mm)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
96003500	3 5704403058532	3x35 RM/16	178	Drum	49	3300
96005000	3 5704403033843	3x50 RM/16	213	Drum	52	3900
96007000	3 5704403038381	3x70 RM/16	265	Drum	55	4700
96009500	3 5704403032716	3x95 RM/16	322	Drum	60	5850
96012000	3 5704403046072	3x120 RM/16	370	Drum	64	6800
96015000	3 5704403032709	3x150 RM/25	420	Drum	67	7950
96024000	3 5704403032525	3x240 RM/25	566	Drum	77	11550





AHXAMK-W - 6/10 kV

Application:

Power cables for medium voltage distribution with pre-assembled XLPE-insulated conductors, laid-up around earth conductor. Suitable for laying in buildings, in open air, in ground, in cable trays and duets where mechanical damages are not expected, in wet locations. Suitable for plough cabling.

Construction:

Conductor:	Stranded, round aluminium, cl. 2 Individually sheathed cores are laid-up around a bare earth conductor
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	6/10 kV
Test voltage:	21 kV
Bend radius:	12 x cable diameter

Approvals:



Properties and installation:









Max. working temp. +90° C





AHXAMK-W - 12/20 kV

Application:

Power cables for medium voltage distribution with pre-assembled XLPE-insulated conductors, laid-up around earth conductor. Suitable for laying in buildings, in open air, in ground, in cable trays and duets where mechanical damages are not expected, in wet locations. Suitable for plough cabling.

Construction:

Conductor:	Stranded, round aluminium, cl. 2 Individually sheathed cores are laid-up around a bare earth conductor
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	12/20 kV
Test voltage:	42 kV
Bend radius:	12 x cable diameter

Approvals:



Properties and installation:









90° Max. working temp. +90° C





AHXAMK-W - 18/30 kV

Application:

Power cables for medium voltage distribution with pre-assembled XLPE-insulated conductors, laid-up around earth conductor. Suitable for laying in buildings, in open air, in ground, in cable trays and duets where mechanical damages are not expected, in wet locations. Suitable for plough cabling.

Construction:

Conductor:	Stranded, round aluminium, cl. 2 Individually sheathed cores are laid-up around a bare earth conductor
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	18/30 kV
Test voltage:	63 kV
Bend radius:	12 x cable diameter

Approvals:



Properties and installation:







Max. short circuit

Max. working temp. +90° C





AHXAMK-WP - 6/10 kV

Application:

Power cables for medium voltage distribution with XLPE insulation. Suitable for laying in buildings, in open air, in ground, in cable trays and ducts where mecanical damage is not expected, in wet locations.

Construction:

Conductor:	Stranded, round aluminium, cl. 2
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE
	Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly
	attached to outer sheath
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	6/10 kV
Test voltage:	30 kV
Bend radius:	12 x cable diameter

Approvals:

EN 60228, IEC 60502-2, HD 602-10F



Properties and installation:









Max. short circuit

Max. working temp. +90° C





AHXAMK-WP - 12/20 kV

Application:

Power cables for medium voltage distribution with XLPE insulation. Suitable for laying in buildings, in open air, in ground, in cable trays and ducts where mecanical damage is not expected, in wet locations.

Construction:

Conductor:	Stranded, round aluminium, cl. 2
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE
	Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly
	attached to outer sheath
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	12/20 kV
Test voltage:	50 kV
Bend radius:	12 x cable diameter

Approvals:

EN 60228, IEC 60502-2, HD 602-10F



Properties and installation:









Max. working temp. +90° C





AHXAMK-WP - 18/30 kV

Application:

Power cables for medium voltage distribution with XLPE insulation. Suitable for laying in buildings, in open air, in ground, in cable trays and ducts where mecanical damage is not expected, in wet locations.

Construction:

Conductor:	Stranded, round aluminium, cl. 2
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE
	Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly
	attached to outer sheath
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	18/30 kV
Test voltage:	63 kV
Bend radius:	12 x cable diameter

Approvals:

EN 60228, IEC 60502-2, HD 602-10F



Properties and installation:









Max. working temp. +90° C



Min. working temperature -20°

65



AHXAMK-WS - 6/10 kV

Application:

Power cables for medium voltage distribution with pre-assembled XLPE-insulated conductors, laid-up around steel messenger. Suitable for laying in buildings, in open air, in ground, in cable trays and duets where mechanical damages are not expected, in wet locations. Suitable for plough cabling.

Construction:

Conductor:	Stranded, round aluminium, cl. 2 Individually sheathed cores are laid-up around a steel messenger
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath Assemble of cores: "steel"
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	6/10 kV
Test voltage:	21 kV
Bend radius:	12 x cable diameter

Approvals:



Properties and installation:







Max. short circuit

Max. working temp. +90° C





AHXAMK-WS - 12/20 kV

Application:

Power cables for medium voltage distribution with pre-assembled XLPE-insulated conductors, laid-up around steel messenger. Suitable for laying in buildings, in open air, in ground, in cable trays and duets where mechanical damages are not expected, in wet locations. Suitable for plough cabling.

Construction:

Conductor:	Stranded, round aluminium, cl. 2 Individually sheathed cores are laid-up around a steel messenger
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath Assemble of cores: "steel"
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	12/20 kV
Test voltage:	42 kV
Bend radius:	12 x cable diameter

Approvals:



Properties and installation:







Max. short circuit

Max. working temp. +90° C





AHXAMK-WS - 18/30 kV

Application:

Power cables for medium voltage distribution with pre-assembled XLPE-insulated conductors, laid-up around steel messenger. Suitable for laying in buildings, in open air, in ground, in cable trays and duets where mechanical damages are not expected, in wet locations. Suitable for plough cabling.

Construction:

Conductor:	Stranded, round aluminium, cl. 2 Individually sheathed cores are laid-up around a steel messenger
Insulation:	XLPE
Inner sheath:	Insulation screen: Semi-conducting XLPE Inner covering: Semi-conducting water-swellable tape Radial water barrier: Aluminum/plastic laminate tightly attached to outer sheath Assemble of cores: "steel"
Screen:	Semi-conducting XLPE
Outer sheath:	Weather resistant PE, black



Technical data:

Working temperature:	-20 °C to +90 °C
Rated voltage:	18/30 kV
Test voltage:	63 kV
Bend radius:	12 x cable diameter

Approvals:



Properties and installation:







Max. working temp. +90° C





SCANFLEX® NTMCGCWOEU - 6/10 kV

Application:

The flexible single core SCANFLEX[®] NTMCGCWOEU power supply cable is usable for short connections of mobile transformer substations to overhead lines, also for use in railway vehicles, switching stations and control panels.

Construction:

Conductor:	Finely stranded tinned, electrolytic copper, cl. 5
Insulation:	Ethylene propylene rubber (EPR)
Screen:	Spinning of tinned copper wires with cross section 16 or 25 mm ²
Outer sheath:	5GM3 compound, red



S

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Technical data:

Working temperature:	Fixed: -40° C to +90° C Flexible: -25° C to +60° C
Rated voltage:	6/10 kV
Test voltage:	17 kV
Bend radius:	Fixed: 6 x cable diameter Flexible: 10 x cable diameter

Approvals:

EN 60811-404, DIN VDE 0298, DIN VDE 0250, EN 60228, DIN VDE 0207, DIN VDE 0207, EN 50343, IEC 60811-2-1, IEC 60332-1-2, RoHs



Properties and installation:





SCANFLEX® NTMCGCWOEU - 6/10 kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
505502501	5704403185375	1x25/16	178	Drum	25,3	945
505503501	5704403185382	1x35/16	220	Drum	26,3	1040
505505001	5704403185399	1x50/16	275	Drum	27,9	1200
505507001	5704403185405	1x70/16	340	Drum	29,7	1470
505509501	5704403175000	1x95/16	409	Drum	32,4	1800
505512001	5704403185412	1x120/16	479	Drum	33,6	2060
505515001	57044031854 <mark>2</mark> 9	1x150/25	549	Drum	37,6	2540
505518501	5704403175017	1x185/25	627	Drum	39,8	2940
505524001	5704403182381	1x240/25	744	Drum	41,6	3460



Application:

The flexible single core SCANFLEX[®] NTMCGCWOEU power supply cable is usable for short connections of mobile transformer substations to overhead lines, also for use in railway vehicles, switching stations and control panels.

Construction:

Conductor:	Finely stranded tinned, electrolytic copper, cl. 5
Insulation:	Ethylene propylene rubber (EPR)
Screen:	Spinning of tinned copper wires with cross section 16 or 25 mm ²
Outer sheath:	5GM3 compound, red



SC

AR

Technical data:

Working temperature:	Fixed: -40° C to +90° C Flexible: -25° C to +60° C
Rated voltage:	12/20 kV
Test voltage:	29 kV
Bend radius:	Fixed: 6 x cable diameter Flexible: 10 x cable diameter

Approvals:

EN 60811-404, DIN VDE 0298, DIN VDE 0250, EN 60228, DIN VDE 0207, DIN VDE 0207, EN 50343, IEC 60811-2-1, IEC 60332-1-2, RoHs



Properties and installation:




SCANFLEX® NTMCGCWOEU - 12/20 kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
505602501	5704403185436	1x25/16	189	Drum	29,5	1180
505603501	5704403185443	1x35/16	234	Drum	30,5	1280
505605001	5704403185450	1x50/16	275	Drum	32,1	1470
505607001	5704403185467	1x70/16	360	Drum	33,9	1740
505609501	5704403185290	1x95/16	434	Drum	36,6	2100
505612001	5704403185474	1x120/16	505	Drum	37,8	2360
505615001	5704403185481	1x150/25	582	Drum	41,8	2890
505618501	5704403185498	1x185/25	664	Drum	44,0	3310
505624001	5704403182398	1x240/25	782	Drum	45,8	3850

* The values can have small deviations



Application:

The flexible single core SCANFLEX[®] NTMCGCWOEU power supply cable is usable for short connections of mobile transformer substations to overhead lines, also for use in railway vehicles, switching stations and control panels.

Construction:

Conductor:	Finely stranded tinned, electrolytic copper, cl. 5
Insulation:	Ethylene propylene rubber (EPR)
Screen:	Spinning of tinned copper wires with cross section 16 or 25 mm ²
Outer sheath:	5GM3 compound, red



SC

AR

Technical data:

Working temperature:	Fixed: -40° C to +90° C Flexible: -25° C to +60° C
Rated voltage:	18/30 kV
Test voltage:	43 kV
Bend radius:	Fixed: 6 x cable diameter Flexible: 10 x cable diameter

Approvals:

EN 60811-404, DIN VDE 0298, DIN VDE 0250, EN 60228, DIN VDE 0207, DIN VDE 0207, EN 50343, IEC 60811-2-1, IEC 60332-1-2, RoHs



Properties and installation:





SCANFLEX® NTMCGCWOEU - 18/30 kV

SKU	EAN	Dimension (mm²)	Current Value (A)	Packaging	Diameter (mm)*	Weight (kg/km)*
505702501	5704403185528	1x25/16	189	Drum	35,3	1600
505703501	5704403185306	1x35/16	234	Drum	37,3	1830
505705001	5704403185535	1x50/16	294	Drum	38,9	2030
505707001	5704403185542	1x70/16	360	Drum	41,0	2325
505709501	5704403185559	1x95/16	434	Drum	42,4	2600
505712001	5704403185566	1x120/16	505	Drum	43,9	2900
505715001	5704403185573	1x150/25	582	Drum	46,8	3385
505718501	5704403185580	1x185/25	664	Drum	50,0	3940
505724001	5704403185597	1x240/25	782	Drum	51,8	4485

* The values can have small deviations



Scankab set out as the cable industry's answer to "garage rock"

From the outset in 1992, Scankab was the rebel of the cable industry. The business sold cables from a small garage store room and challenged the cable market. Today, it is still part of the company's DNA to set new standards for the industry.

Scankab develops, manufactures and supplies quality cables and cable management to electrical contractors, industry, marine & offshore, infrastructure and energy. The range includes more than 3500 stocked cable types. Scankab has its head office and warehouse in Aarup in Funen and its subsidiaries in Norway and Sweden.



We believe in direct communication

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