NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=3.6/6 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=3.6/6 kV

Construcție

1 Conductor de aluminiu compactizat clasa 2, conform SR EN 60228
2 Ecran semiconductor extrudat
3 Izolatie XLPE
4 Ecran semiconductor extrudat
5 Banda semiconductoare cu blocare la apa
6 Ecran din sarma de cupru
7 Banda de cupru
8 Banda semiconductoare cu blocare la apa
9 Folie din aluminiu cu copolimer
10 Manta de PE, neagra

Cable construction

1 Compacted aluminium conductor class 2, according to SR EN 60228
2 Extruded semicoductive screen
3 XLPE insulation
4 Extruded semicoductor screen
5 Water blocking semiconductive tape
6 Copper wires screen
7 Copper tape
8 Water blocking semiconductive tape
9 Aluminum tape with copolymer
10 PE outer sheath, black

Domeniul de utilizare

Cablurile sunt destinate pentru distributia energiei electrice in instalatii fixe, in interior, exterior si ingropat.
Cablurile sunt fara rezistenta la propagarea flacarii.

Application

The cables are intended for the distribution of electricity in fixed installations, inside, outside and buried.
Cables are not flame retardant.

Date tehnice

Standard de referinta : IEC 60502-2
Tensiunea nominala: Uo/U(Um)= 3.6/6 (7.2) kV
Temperatura minima a cablului (masurata pe manta):
- *la montaj: -20 °C*

Temperatura maxima admisa pe conductor:
- *in conditii normale de exploatare: +90 °C ;*

Technical data

Reference standard: IEC 60502-2
Rated voltage: Uo/U(Um)= 3.6/6 (7.2) kV
Minimum cable temperature (measured on sheath):
- *at laying: -20°C*

Maximum admissible conductor temperature:
- *in normal operating conditions: +90 °C;*

- *la scurtcircuit (max. 5 s): 250°C*

Temperaturta maxima pe conductor in conditii de suprasarcina:

- *+130°C, 8 ore consecutiv, dar nu maim ult de 125 ore/an*

Tensiunea de incercare: 12.5 kV, 50 Hz, 5 min

Nivelul descarcarilor partiale: max. 2 pC

Raza minima de curbura:

- *15 x diametrul exterior*

- *at short-circuit (max. 5 s): 250 °C*

Maximum conductor temperature under overload:

- *+130°C, 8 consecutive hours, but no more than 125 hours/year*

Test voltage: 12.5 kV, 50 Hz, 5 min

Partial discharge level: max. 2 pC

Minimum bending radius:

- *15 x outer diameter*

NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=3.6/6 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=3.6/6 kV

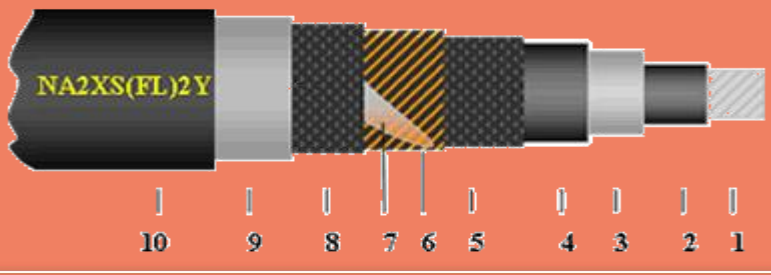
Nr. conductoare x sectiune nominala	Grosime nominala izolatie	Grosime nominala manta ext.	Diametru Exterior (*informativ)	Masa cablu
Cable size	Nominal thickness insulation	Nominal thickness outer sheath	Outer Diameter (*informative)	Cable weight
mm^2	mm	mm	mm	kg / km
1x35 RM/16	2,50	1,80	22,00	495
1x50 RM/16	2,50	1,80	23,00	545
1x70 RM/16	2,50	1,80	25,00	630
1x95 RM/16	2,50	1,80	26,50	735
1x120 RM/16	2,50	1,80	28,00	820
1x150 RM/16	2,50	1,80	29,00	905

1x150 RM/25	2,50	1,80	29,00	990
1x185 RM/25	2,50	1,90	31,50	1155
1x240 RM/25	2,60	1,90	34,00	1310
1x300 RM/25	2,80	2,00	36,50	1560
1x400 RM/35	3,00	2,20	40,50	2070
1x500 RM/35	3,20	2,30	44,50	2480
1x630 RM/35	3,20	2,40	48,50	2945

NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=6/10 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=6/10 kV



Construcție

1 Conductor de aluminiu compactizat clasa 2, conform SR EN 60228
2 Ecran semiconductor extrudat
3 Izolatie XLPE
4 Ecran semiconductor extrudat
5 Banda semiconductoare cu blocare la apa
6 Ecran din sarma de cupru
7 Banda de cupru
8 Banda semiconductoare cu blocare la apa
9 Folie din aluminiu cu copolimer
10 Manta de PE, neagra

Cable construction

1 Compacted aluminium conductor class 2, according to SR EN 60228
2 Extruded semicoductive screen
3 XLPE insulation
4 Extruded semicoductor screen
5 Water blocking semiconductive tape
6 Copper wires screen
7 Copper tape
8 Water blocking semiconductive tape
9 Aluminum tape with copolymer
10 PE outer sheath, black

Domeniul de utilizare

Cablurile sunt destinate pentru distributia energiei electrice in instalatii fixe, in interior, exterior si ingropat.
Cablurile sunt fara rezistenta la propagarea flacarii.

Application

The cables are intended for the distribution of electricity in fixed installations, inside, outside and buried.
Cables are not flame retardant.

Date tehnice

Standard de referinta : IEC 60502-2
Tensiunea nominala: Uo/U(Um)= 6/10 (12) kV
Temperatura minima a cablului (masurata pe manta):
- *la montaj: -20 °C*

Temperatura maxima admisa pe conductor:
- *in conditii normale de exploatare: +90 °C ;*
- *la scurtcircuit (max. 5 s): 250°C*

Temperaturta maxima pe conductor in conditii de suprasarcina:

Technical data

Reference standard: IEC 60502-2
Rated voltage: Uo/U(Um)= 6/10 (12) kV
Minimum cable temperature (measured on sheath):
- *at laying: -20°C*

Maximum admissible conductor temperature:
- *in normal operating conditions: +90 °C;*
- *at short-circuit (max. 5 s): 250 °C*

Maximum conductor temperature under overload:

- *+130°C, 8 ore consecutiv, dar nu maim ult de 125 ore/an*

Tensiunea de incercare: 21 kV, 50 Hz, 5 min

Nivelul descarcarilor partiale: max. 2 pC

Raza minima de curbura:

- *15 x diametrul exterior*

- *+130°C, 8 consecutive hours, but no more than 125 hours/year*

Test voltage: 21 kV, 50 Hz, 5 min

Partial discharge level: max. 2 pC

Minimum bending radius:

- *15 x outer diameter*

NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=6/10 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=6/10 kV

Nr. conductoare x sectiune nominala	Grosime nominala izolatie	Grosime nominala manta ext.	Diametru Exterior (*informativ)	Masa cablu
Cable size	Nominal thickness insulation	Nominal thickness outer sheath	Outer Diameter (*informative)	Cable weight
mm^2	mm	mm	mm	kg / km
1x35 RM/16	3,40	1,80	24,00	560
1x50 RM/16	3,40	1,80	25,00	610
1x70 RM/16	3,40	1,80	26,50	700
1x95 RM/16	3,40	1,80	28,00	805
1x120 RM/16	3,40	1,90	30,00	915
1x150 RM/16	3,40	1,90	31,00	1005

1x150 RM/25	3,40	1,90	31,00	1090
1x185 RM/25	3,40	2,00	33,00	1245
1x240 RM/25	3,40	2,10	35,50	1435
1x300 RM/25	3,40	2,20	38,00	1640
1x400 RM/35	3,40	2,30	41,50	2130
1x500 RM/35	3,40	2,40	45,00	2510
1x630 RM/35	3,40	2,50	49,00	2980

NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=12/20 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=12/20 kV

Construcție

1 Conductor de aluminiu compactizat clasa 2, conform SR EN 60228
2 Ecran semiconductor extrudat
3 Izolatie XLPE
4 Ecran semiconductor extrudat
5 Banda semiconductoare cu blocare la apa
6 Ecran din sarma de cupru
7 Banda de cupru
8 Banda semiconductoare cu blocare la apa
9 Folie din aluminiu cu copolimer
10 Manta de PE, neagra

Cable construction

1 Compacted aluminium conductor class 2, according to SR EN 60228
2 Extruded semicoductive screen
3 XLPE insulation
4 Extruded semicoductor screen
5 Water blocking semiconductive tape
6 Copper wires screen
7 Copper tape
8 Water blocking semiconductive tape
9 Aluminum tape with copolymer
10 PE outer sheath, black

Domeniul de utilizare

Cablurile sunt destinate pentru distributia energiei electrice in instalatii fixe, in interior, exterior si ingropat.
Cablurile sunt fara rezistenta la propagarea flacarii.

Application

The cables are intended for the distribution of electricity in fixed installations, inside, outside and buried.
Cables are not flame retardant.

Date tehnice

Standard de referinta : IEC 60502-2
Tensiunea nominala: Uo/U(Um)= 12/20 (24) kV
Temperatura minima a cablului (masurata pe manta):
- *la montaj: -20 °C*

Temperatura maxima admisa pe conductor:
- *in conditii normale de exploatare: +90 °C ;*

Technical data

Reference standard: IEC 60502-2
Rated voltage: Uo/U(Um)= 12/20 (24) kV
Minimum cable temperature (measured on sheath):
- *at laying: -20°C*

Maximum admissible conductor temperature:
- *in normal operating conditions: +90 °C;*

- *la scurtcircuit (max. 5 s): 250°C*

Temperaturta maxima pe conductor in conditii de suprasarcina:

- *+130°C, 8 ore consecutiv, dar nu maim ult de 125 ore/an*

Tensiunea de incercare: 42 kV, 50 Hz, 5 min

Nivelul descarcarilor partiale: max. 2 pC

Raza minima de curbura:

- *15 x diametrul exterior*

- *at short-circuit (max. 5 s): 250 °C*

Maximum conductor temperature under overload:

- *+130°C, 8 consecutive hours, but no more than 125 hours/year*

Test voltage: 42 kV, 50 Hz, 5 min

Partial discharge level: max. 2 pC

Minimum bending radius:

- *15 x outer diameter*

NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=12/20 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=12/20 kV

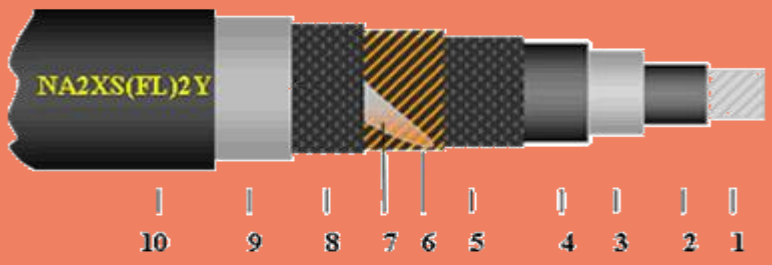
Nr. conductoare x sectiune nominala	Grosime nominala izolatie	Grosime nominala manta ext.	Diametru Exterior (*informativ)	Masa cablu
Cable size	**Nominal thickness insulation**	**Nominal thickness outer sheath**	**Outer Diameter (*informative)**	**Cable weight**
mm^2	**mm**	**mm**	**mm**	**kg / km**
1x35 RM/16	5,50	1,80	28,00	700
1x50 RM/16	5,50	1,90	29,00	770
1x70 RM/16	5,50	1,90	31,00	870
1x95 RM/16	5,50	2,00	32,50	995
1x120 RM/16	5,50	2,00	34,00	1100
1x150 RM/16	5,50	2,10	35,50	1210

1x150 RM/25	5,50	2,10	36,00	1295
1x185 RM/25	5,50	2,20	38,00	1465
1x240 RM/25	5,50	2,20	40,00	1660
1x300 RM/25	5,50	2,30	42,00	1880
1x400 RM/35	5,50	2,40	46,00	2400
1x500 RM/35	5,50	2,50	49,00	2800
1x630 RM/35	5,50	2,70	53,50	3310

NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=18/30 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=18/30 kV



Construcție

1 Conductor de aluminiu compactizat clasa 2, conform SR EN 60228
2 Ecran semiconductor extrudat
3 Izolatie XLPE
4 Ecran semiconductor extrudat
5 Banda semiconductoare cu blocare la apa
6 Ecran din sarma de cupru
7 Banda de cupru
8 Banda semiconductoare cu blocare la apa
9 Folie din aluminiu cu copolimer
10 Manta de PE, neagra

Cable construction

1 Compacted aluminium conductor class 2, according to SR EN 60228
2 Extruded semicoductive screen
3 XLPE insulation
4 Extruded semicoductor screen
5 Water blocking semiconductive tape
6 Copper wires screen
7 Copper tape
8 Water blocking semiconductive tape
9 Aluminum tape with copolymer
10 PE outer sheath, black

Domeniul de utilizare

Cablurile sunt destinate pentru distributia energiei electrice in instalatii fixe, in interior, exterior si ingropat.
Cablurile sunt fara rezistenta la propagarea flacarii.

Application

The cables are intended for the distribution of electricity in fixed installations, inside, outside and buried.
Cables are not flame retardant.

Date tehnice

Standard de referinta : IEC 60502-2
Tensiunea nominala: Uo/U(Um)= 18/30 (36) kV
Temperatura minima a cablului (masurata pe manta):

- *la montaj: -20 °C*

Temperatura maxima admisa pe conductor:

- *in conditii normale de exploatare: +90 °C ;*
- *la scurtcircuit (max. 5 s): 250°C*

Technical data

Reference standard: IEC 60502-2
Rated voltage: Uo/U(Um)= 18/30 (36) kV
Minimum cable temperature (measured on sheath):

- *at laying: -20°C*

Maximum admissible conductor temperature:

- *in normal operating conditions: +90 °C;*
- *at short-circuit (max. 5 s): 250 °C*

Temperaturta maxima pe conductor in conditii de suprasarcina:

- *+130°C, 8 ore consecutiv, dar nu maim ult de 125 ore/an*

Tensiunea de incercare: 63 kV, 50 Hz, 5 min

Nivelul descarcarilor partiale: max. 2 pC

Raza minima de curbura:

- *15 x diametrul exterior*

Maximum conductor temperature under overload:

- *+130°C, 8 consecutive hours, but no more than 125 hours/year*

Test voltage: 63 kV, 50 Hz, 5 min

Partial discharge level: max. 2 pC

Minimum bending radius:

- *15 x outer diameter*

NA2XS(FL)2Y

Cabluri de energie de medie tensiune, cu izolatie din polietilena reticulata si manta de polietilena termoplastica, cu protectie longitudinala si transversala impotriva patrunderii apei, pentru tensiunea de U/U_0=18/30 kV

Medium voltage power cables, with crosslinked polyethylene insulation and thermoplastic polyethylene sheath, with longitudinal and radial protection against water penetration, for rated voltage U/U_0=18/30 kV

Nr. conductoare x sectiune nominala	Grosime nominala izolatie	Grosime nominala manta ext.	Diametru Exterior (*informativ)	Masa cablu
Cable size	Nominal thickness insulation	Nominal thickness outer sheath	Outer Diameter (*informative)	Cable weight
mm^2	mm	mm	mm	kg / km
1x50 RM/16	8,00	2,00	34,00	990
1x70 RM/16	8,00	2,10	36,00	1115
1x95 RM/16	8,00	2,20	38,00	1250
1x120 RM/16	8,00	2,20	39,50	1370
1x150 RM/25	8,00	2,30	41,00	1470
1x185 RM/25	8,00	2,30	43,00	1645
1x240 RM/25	8,00	2,40	45,50	1870

1x300 RM/25	8,00	2,50	47,50	2215
1x400 RM/35	8,00	2,60	51,00	2760
1x500 RM/35	8,00	2,70	54,50	3185
1x630 RM/35	8,00	2,80	58,50	3715