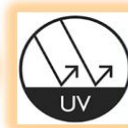
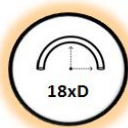
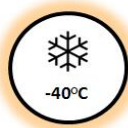
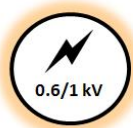




Conductoare de aluminiu si otel –aluminiu, izolate in polietilena reticulata, rasucite in fascicul (torsadate)

Bundle assembled aerial cables, XLPE-insulated



Standard de fabricatie: ST 125; SR HD 626 S1

Production standard: ST 125; SR HD 626 S1

Tensiune nominala U_0/U : 0.6/1 (1.2) kV

Rated voltage U_0/U : 0.6/1 (1.2) kV

Tensiune de incercare: 4 kV ca, 50 Hz, 5 min

Test voltage: 4 kV ac, 50Hz, 5 min

Domeniul de utilizare

Sunt destinate realizarii retelelor electrice de distributie, linii electrice aeriene, cu tensiuni nominale de U_0/U 0.6/1 kV

Applications

Power distribution networks, overhead electric airlines, with rated voltages up to U_0/U 0.6/1 kV.

Temperatura minima de instalare pe cablu: -10°C

Min. cable temperature during laying: -10°C

Temperatura max de lucru: +80°C

Highest operational temperature: +80°C

Temperatura min a cablului dupa pozare: -40°C

Min. operational temperature: -40°C

Temperatura maxima de scurt-circuit (max.5 sec): +250°C

Max. short-circuit temperature (max. 5 sec): +250°C

Conductor de faza

Conductor de faza, neutru sau iluminat, unifilar (re) multifilar din aluminiu (rm)

Phase conductor

Solid conductor (re) (section $\leq 16 \text{ mm}^2$), concentrically stranded aluminium conductor (rm)

Conductor de nul:

Otel-aluminiu, multifilar (rm)

Null conductor

Concentrically stranded steel-aluminum conductor (rm)

Izolatie

Polietilena reticulata, tip TIX 2.

Insulation

Crosslinked polyethylene, TIX 2 type.

Culoare izolatie

Neagra

Insulation color

Black

Marcaj

- Conductorul purtator de OL-Al este marcat cu 6 dungii in relief pe toata lungimea de fabricatie asociat cu marcajul PEN.
- Conductoarele de faza ale retelei de distributie pentru abonatii casnici sunt marcate cu: L1; L2; L3
- Conductoarele de iluminat public sunt marcate cu: IP1; IP2; IP3
- Conductoarele de bransament sunt marcate cu: B0; B1; B2; B3

Markings

- The steel – aluminum conductor will be marked with six protruding stripes running along the entire production length combined with the verbal marking PEN.
- The phase conductors of the private subscriber distribution network will be marked L1; L2; L3
- The public lighting conductors will be marked IP1, IP2, IP3
- The connection conductors will be marked with B0; B1; B2; B3

T2X

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**Bundle assembled aerial cables,
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Sectiune conductor <i>Conductor cross-section</i>	Rezistenta electrica max la 20°C <i>Electric resistance at 20° C, max.</i>	Sarcina admisibila <i>Permissible charge</i>	Nr min de sarme din conductor <i>No. of wires in conductor, min.</i>	Gros rad izolatii nom <i>Nominal radial insulation thickness</i>	Forta de rupere <i>Breaking strength</i>	Diam ext nominal <i>Nominal outer diam.</i>
	<i>Ω/km</i>	<i>A</i>		<i>mm</i>	<i>kN</i>	<i>mm</i>
10	3.08	70	1	1.1	1.6	5.8
16	1.91	90	1	1.1	2.4	7.2
25	1.2	107	7	1.3	3.7	9.0
35	0.868	132	7	1.3	5.2	9.6
50	0.641	165	7	1.5	7.2	11.1
70	0.443	205	14	1.5	12.4	12.7
95	0.32	240	19	1.7	16.8	14.8
Conductor neutru 50/8	0.595	165	6/1	1.5	16.8	11.9
70/12	0.413	205	26/7	1.5	25.77	12.7
95/15	0.320	240	26/7	1.7	33.72	14.8

Tip cablu <i>Cable type</i>	Masa totala a cablului, inf. <i>Total cable mass, inf.</i>	Tip cablu <i>Cable type</i>	Masa totala a cablului, inf. <i>Total cable mass, inf.</i>
	<i>kg/km</i>		<i>kg/km</i>
10Al+16 Al	101	50 OL-Al+1x16Al	307
6Al+25 Al	153	50 OL-Al+2x10Al	332
2x10Al	86	50 OL-Al+2x16Al	370
2x10Al+16Al	142	50 OL-Al+3x16Al	435
2x16Al	118	50 OL-Al+3x16Al +1x16Al	500
2x25Al	188	50 OL-Al+3x16Al+1x25Al	527
3x16Al+25Al	271	50 OL-Al+25Al	339
3x25Al +16Al	345	50 OL-Al+2x25Al	432
3x35Al	464	50 OL-Al+3x25Al	526
4x10Al	172	50 OL-Al+3x25Al+1x25Al	620
4x16Al	250	50 OL-Al+1x35Al	368
4x25Al	376	50 OL-AL+2x35Al	492
4x35Al	502	50 OL-Al+3x35Al +2x16Al	747
4x50Al	671	50 OL-Al+3x35Al+3x16Al	813

T2X

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Tip cablu <i>Cable type</i>	Masa totala a cablului, inf. <i>Total cable mass, inf. kg/km</i>	Tip cablu <i>Cable type</i>	Masa totala a cablului, inf. <i>Total cable mass, inf kg/km</i>
50 OL-Al+3x35Al+1x35Al	746	50 OL-Al+95Al	561
50 OL-Al+1x50Al	405	50 OL-Al+3x95Al	1205
50 OL-Al+3x50Al	745	50 OL-Al+3x95Al+1x16Al	1263
50 OL-Al+3x50Al +1x16Al	804	50 OL-Al+3x95Al+2x16Al	1322
50 OL-Al+3x50Al+2x16Al	863	50 OL-Al+3x95Al+3x16Al	1382
50 OL-Al+3x50Al+3x16Al	924	50 OL-Al+3x95Al+1x25Al	1300
50 OL-Al+3x50Al+3x25Al	1032	50 OL-Al+3x95Al+2x25Al	1387
50 OL-Al+3x50Al +1x35Al	869	50 OL-Al+3x95Al+1x35Al	1330
50 OL-AL+3x35Al	618	70/12 OL-Al+3x70Al	1055
50 OL-AL+3x35Al+1x16Al	678	70/12 OL-Al+3x70Al+1x16RUAL	1116
50 OL-Al+3x70Al	931	70/12 OL-Al+3x70Al+2x16RUAL	1178
50 OL-Al+3x70Al+1x16Al	990	70/12 OL-Al+3x70Al+1x25Al	1151
50 OL-Al+3x70Al+2x16Al	1050	70/12 OL-Al+3x70Al+2x25Al	1247
50 OL-Al+3x70Al+3x16Al	990	70/12 OL-Al+3x95Al	1310
50 OL-Al+3x70Al+1x25Al	1024	70/12 OL-Al +3x95Al+1x16RUAL	1371
50 OL-Al+3x70Al+2x25Al	1119	70/12 OL-Al +3x95Al+1x25Al	1406
50 OL-Al+3x70Al+3x25Al	1195	70/12 OL-Al +3x95Al+2x25Al	1502
50 OL-Al+3x70Al+1x35Al	1061		
50 OL-Al+3x70Al+2x35Al	1195	95 OL-Al+3x95Al+2x16RUAL	1550
50OL-Al+3x70Al+50Al	1110	95 OL-Al+3x95Al+1x35Al	1556
50OL-Al+3x70Al+70Al	1170	95 OL-Al+3x95Al+2x25Al	1622