

NADZEMNI KABL SA XLPE IZOLACIJOM · XLPE AERIAL

FR-N1XD4-AR

FR-N1XD9-AR

FR-N1XD4-AR (X00-A) i FR-N1XD9-AR (X00/O-A), samonoseći nadzemni kablovi 0,6/1 kV.

FR-N1XD4-AR (X00-A) and FR-N1XD9-AR (X00/O-A), XLPE insulated aerial bundled cables 0.6/1 kV.



PRIMENA / APPLICATION

Za distributivne niskonaponske nadzemne mreže u gradskim, prigradskim i ruralnim područjima, napajanje udaljenih objekata i naselja, kao i nadzemne kućne priključke.

For low-voltage overhead distribution networks in urban, suburban and rural areas, supplying remote facilities and villages, and above-ground house connections.

KONSTRUKCIJA / CONSTRUCTION

Fazni provodnik / Phase conductor: Kompaktovano Al uže, klasa 2

Neutralni nosač / Messenger: Kompaktovano Al ili Al-legura, klasa 2

Izolacija / Insulation: XLPE smeša / XLPE compound

Izvedba / Assembly: Samonoseći snop / Self-supporting bundle

IDENTIFIKACIJA ŽILA / CORE ID

Identifikacija / Identification: prema HD 626 S1

Fazne žile / Phase cores: XLPE izolovane / XLPE insulated

Neutralni nosač / Messenger: Al ili Al-legura / Al or Al alloy

Boja / Colour: crna / black

TEHNIČKE KARAKTERISTIKE / SPECS

CPR klasa / CPR class	Fca
Ispitni napon / Test voltage	4 kV
Nazivni napon / Rated voltage	0,6/1 kV
Maks. temp. provodnika / Conductor	90 °C
Temp. kratkog spoja / Short-circuit	250 °C

STANDARDI / STANDARDS

HD 626 S1 · NF C33-209 · JUS N.C5.250

KONSTRUKCIONI I TEHNIČKI PODACI / CONSTRUCTION & ENGINEERING DATA

FAZNI PROVODNIK / PHASE CONDUCTOR

Presek CROSS-SECTION	Broj žica WIRES	Ø provodnika CONDUCTOR Ø	Otpor 20 °C RESISTANCE 20 °C	Struja 30 °C AMPACITY AIR 30 °C	Kratki spoj SHORT-CIRCUIT	Izolacija INSULATION	Ø žile INSULATED CORE Ø
mm ²	No.	mm	Ω/km	A	kA	mm	mm
16	7	4,6–5,1	1,910	93	1,5	1,2	7,0–7,8
25	7	5,8–6,3	1,200	112	2,34	1,4	8,6–9,4
35	7	6,8–7,3	0,868	131	3,25	1,6	10,0–10,9
50	7	7,9–8,4	0,641	168	4,67	1,6	11,1–12,0
70	12	9,7–10,2	0,443	213	6,54	1,8	13,3–14,2
95	19	11–12	0,320	258	8,88	1,8	14,6–15,7
120	19	12–13,1	0,253	300	11,22	1,8	15,6–16,7

NEUTRALNI NOSAČ / MESSENGER

Presek CROSS-SECTION	Broj žica WIRES	Ø nosača MESSENGER Ø	Otpor 20 °C RESISTANCE 20 °C	Prekidna sila BREAKING LOAD	Izolacija INSULATION	Ø žile INSULATED CORE Ø
mm ²	No.	mm	Ω/km	daN	mm	mm
54,6	7	9,20–9,60	0,630	1660	1,6	12,30–13,00
70	7	10,00–10,20	0,500	2050	1,5	12,90–13,60
71,5	7	9,2	0,628	2050	1,6	12,2–13,3

PROIZVODI / PRODUCTS

Proizvod PRODUCT	Maks. korak MAX. LAY LENGTH	Spoljni prečnik APPROX. OUTER DIAM.	Masa kabla APPROX. CABLE WEIGHT
—	mm	mm	kg/km
FR-NIXD4-AR 2×16	300	15,0	137
FR-NIXD4-AR 4×16	350	18,0	270
FR-NIXD4-AR 5×16	400	19,4	337
FR-NIXD4-AR 2×25	350	18,4	214
FR-NIXD4-AR 4×25	430	22,2	431
FR-NIXD4-AR 4×35	450	23,7	550
FR-NIXD4-AR 4×50	480	27,5	740
FR-NIXD4-AR 4×70	550	31,9	1000
FR-NIXD4-AR 4×95	600	37,0	1334
FR-NIXD9-AR 3×35+54,6	760	24,6	370
FR-NIXD9-AR 3×35+70	760	29,8	688
FR-NIXD9-AR 3×35+70+2×16	760	29,8	825
FR-NIXD9-AR 3×50+54,6	850	33,1	782
FR-NIXD9-AR 3×50+70	850	33,1	809
FR-NIXD9-AR 3×50+70+2×16	850	33,1	945
FR-NIXD9-AR 3×70+54,6	980	38,1	1020
FR-NIXD9-AR 3×70+54,6+1×16	980	38,1	1087
FR-NIXD9-AR 3×70+70	980	38,6	1044
FR-NIXD9-AR 3×70+70/12	980	39,5	1125
FR-NIXD9-AR 3×70+70+2×16	980	38,6	1181
FR-NIXD9-AR 3×70+70+2×25	980	40,0	1253
FR-NIXD9-AR 3×95+70	1100	42,0	1289

Opsezi su min-max; crta označava da podatak nije primenljiv. / Ranges are min-max; a dash means not applicable.