

ENERGETSKI KABL · POWER CABLE

N2XBY

Armirani energetski kabl 0,6/1 kV sa bakarnim provodnicima, XLPE izolacijom, armaturom od dve pocinkovane čelične trake i PVC plaštom (N2XBY ·

Armoured power cable 0,6/1 kV with copper conductors, XLPE insulation, two galvanized steel tape armour and PVC sheath (N2XBY · JUS XP41).



PRIMENA / APPLICATION

Distributivni kabl za statičke primene, pretežno u zemlji, ali i u vodi, kanalima i betonu — gde je potrebna zaštita od težih mehaničkih oštećenja. Za elektrane, industriju i gradske mreže.

Distribution cable for static application, mostly in ground, but also in water, ducts and concrete — where protection against heavier mechanical damage is required. For power plants, industry and urban networks.

KONSTRUKCIJA / CONSTRUCTION

Provodnik / Conductor: Cu, klasa 1 ili 2 / class 1 or 2

Izolacija / Insulation: XLPE smeša DIX 3 / XLPE, DIX 3

Ispuna / Bedding: Elastomer / plastomer ili traka

Armatura / Armour: 2 × pocinkovana čelična traka

Plašt / Sheath: PVC DMV 6, crn / PVC DMV 6, black

IDENTIFIKACIJA ŽILA / CORE ID

2 žile: braon, plava · 3 žile: žuto-zelena, braon, plava ili crna, braon, siva · 4 žile: (ž/z ili plava) + braon, crna, siva · 5 žila: ž/z, plava, braon, crna, siva. Plašt: crn; druge boje na upit.

2-core: brown, blue · 3-core: green/yellow, brown, blue or black, brown, grey · 4-core: (g/y or blue) + brown, black, grey · 5-core: g/y, blue, brown, black, grey. Sheath: black; other colours on request.

TEHNIČKE KARAKTERISTIKE / SPECS

Napon U_0/U / Voltage **0,6/1 kV**

Ispitni napon / Test voltage **4 kV**

CPR klasa / CPR class **Eca**

Savijanje / Bending **15 × D (1-žilni) / 12 × D**

Maks. temp. provodnika / Max. cond. **90 °C**

Temp. kratkog spoja / Short-circuit **250 °C**

STANDARDI / STANDARDS

HD 603 S1 · IEC 60502-1 · HD 308 S2 · SRPS N.C5.230 (XP41)

DIMENZIJE I PODACI / DIMENSION & DATA

Žila x presek CORES x SECT.	Oblik SHAPE	Otpor 20°C RESISTANCE	Struja vazduh CURRENT AIR	Struja zemlja CURRENT EARTH	Spolj. prečnik OUTER Ø	Masa metala METAL WT.	Masa CABLE WT.
n x mm ²	RE/RM/SM	Ω/km	A	A	mm	kg/km	kg/km
2x4	RE/RM	4,61	42	52	14,2	76,8	378
2x6	RE/RM	3,08	53	64	15,2	115,2	447
2x10	RE/RM	1,83	74	86	17,2	192,0	591
2x16	RE/RM	1,15	98	112	19,0	307,2	786
2x25	RM	0,727	133	145	22,0	480,0	1096
2x35	RM	0,524	162	174	24,2	672,0	1381
2x50	RM	0,387	197	206	27,4	960,0	1855
2x70	RM	0,268	250	254	31,4	1344,0	2463
3x1,5	RE/RM	12,1	24	31	14,5	43,2	303
3x2,5	RE/RM	7,41	32	40	15,3	72,0	349
3x4	RE/RM	4,610	42	52	16,2	115,2	410
3x6	RE/RM	3,080	53	64	17,3	172,8	519
3x10	RE/RM	1,830	74	86	18,9	288,0	712
3x16	RE/RM	1,150	98	112	20,9	460,8	968
3x25	RE/RM	0,727	133	145	23,2	720,0	1376
3x35	SM	0,524	162	174	25,6	1008,0	1462
3x50	SM	0,387	197	206	30,2	1440,0	2199
3x70	SM	0,268	250	254	34,5	2016,0	2909
3x95	SM	0,193	308	305	38,3	2736,0	3735
3x120	SM	0,153	359	348	42,0	3456,0	4637
3x150	SM	0,124	412	392	46,3	4320,0	5655
3x185	SM	0,0991	475	444	50,6	5328,0	6832
3x240	SM	0,0754	564	517	56,7	6912,0	8628
4x1,5	RE/RM	12,1	24	31	15,2	57,6	330
4x2,5	RE/RM	7,41	32	40	16,1	96,0	386
4x4	RE/RM	4,610	42	52	17,2	153,6	489
4x6	RE/RM	3,080	53	64	18,4	230,4	592
4x10	RE/RM	1,830	74	86	19,3	384,0	841
4x16	RE/RM	1,150	98	112	21,5	614,4	1162
4x25	RE/RM	0,727	133	145	25,1	960,0	1671
4x35	SM	0,524	162	174	27,8	1344,0	1847
4x50	SM	0,387	197	206	32,8	1920,0	2741
4x70	SM	0,268	250	254	37,5	2688,0	3662
4x95	SM	0,193	308	305	41,7	3648,0	4821
4x120	SM	0,153	359	348	45,8	4608,0	5903
4x150	SM	0,124	412	392	51,4	5760,0	7290
4x185	SM	0,0991	475	444	56,2	7104,0	8815
4x240	SM	0,0754	564	517	62,6	9216,0	11194

DIMENZIJE I PODACI (NASTAVAK) / DIMENSION & DATA (CONT.)

Žile x presek CORES x SECT.	Oblik SHAPE	Otpor 20 °C RESISTANCE	Struja vazduh CURRENT AIR	Struja zemlja CURRENT EARTH	Spolj. prečnik OUTER Ø	Masa metala METAL WT.	Masa CABLE WT.
n x mm ²	RE/RM/SM	Ω/km	A	A	mm	kg/km	kg/km
5x1,5	RE/RM	12,1	24	31	16,0	72	362
5x2,5	RE/RM	7,41	32	40	17,0	120	458
5x4	RE/RM	4,610	42	52	18,2	192	550
5x6	RE/RM	3,080	53	64	19,5	288	676
5x10	RE/RM	1,830	74	86	20,7	480	973,9
5x16	RE/RM	1,150	98	112	23,1	768	1358,9
5x25	RM	0,727	133	145	27,2	1200	1968,2
5x35	RM	0,524	162	174	30,2	1680	2564,8
5x50	RM	0,387	197	206	35,6	2400	3711,2
5x70	RM	0,268	250	254	40,7	3360	4998,4
5x95	RM	0,193	308	305	45,4	4560	6545,5
7x1,5	RE/RM	12,1	24	31	15,19	100,8	402
10x1,5	RE/RM	12,1	24	31	18,02	144,0	544
12x1,5	RE/RM	12,1	24	31	18,46	172,8	583
16x1,5	RE/RM	12,1	24	31	20	230,4	678
19x1,5	RE/RM	12,1	24	31	20,85	273,6	768
21x1,5	RE/RM	12,1	24	31	21,71	302,4	818
27x1,5	RE/RM	12,1	24	31	24,5	388,8	1026
37x1,5	RE/RM	12,1	24	31	26,91	532,8	1241
7x2,5	RE/RM	7,41	32	40	16,33	168,0	492
10x2,5	RE/RM	7,41	32	40	19,54	240,0	674
12x2,5	RE/RM	7,41	32	40	20,04	288,0	731
16x2,5	RE/RM	7,41	32	40	21,79	384,0	904
19x2,5	RE/RM	7,41	32	40	23,15	456,0	1010
21x2,5	RE/RM	7,41	32	40	24,13	504,0	1109
27x2,5	RE/RM	7,41	32	40	26,84	648,0	1335
37x2,5	RE/RM	7,41	32	40	29,57	888,0	1679

NAPOMENE / NOTES

- Struje: u vazduhu na 30 °C, u zemlji na 20 °C; otpor na 20 °C; temperatura polaganja min -5 °C. / Currents: in air at 30 °C, in earth at 20 °C; resistance at 20 °C; min. laying temperature -5 °C.
- Oblik provodnika: RE = okrugao puni, RM = okrugao užetani, SM = sektorski užetani. / Conductor shape: RE = round solid, RM = round stranded, SM = sector stranded.
- Masa metala odnosi se na provodnike (bez armature). / Metal weight refers to the conductors (armour not included).
- Sve vrednosti su orijentacione i podložne izmenama bez najave. / All values are indicative and subject to change without notice.