

ENERGETSKI KABL · POWER CABLE

NA2XBY

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

Armoured power cable 0,6/1 kV with aluminium conductors, XLPE insulation, two galvanized steel tape armour and PVC sheath (NA2XBY · JUS XP41-A).



PRIMENA / APPLICATION

Distributivni i signalni kabl za statičke primene, pretežno u zemlji, ali i u objektima, kanalima i betonu. Otporan na mehanička i veća zatezna naprezanja; može se polagati koso, vertikalno i na klizištima.

Distribution and signal cable for static use, mostly in ground, also in facilities, ducts and concrete. Resistant to mechanical loads and heavier tensile strain; may be laid slantingly or vertically.

KONSTRUKCIJA / CONSTRUCTION

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

Izolacija / Insulation: XLPE smeša / XLPE compound

Ispuna / Bedding: Elastomer / plastomer ili traka

Armatura / Armour: 2 x pocinkovana čelična traka

Plašt / Sheath: PVC smeša, crn / PVC, black

IDENTIFIKACIJA ŽILA / CORE ID

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.

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_o/U / Voltage **0,6/1 kV**

Ispitni napon / Test voltage **4 kV**

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

Temp. polaganja / Laying temp. **min -5 °C**

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-A)

DIMENZIJE I ELEKTRIČNI PODACI / DIMENSION & ELECTRICAL DATA

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
3x10	RE/RM	3,08	—	—	18,0	87	511
3x16	RE/RM	1,910	—	—	20,0	139,2	647
3x25	RM	1,200	97	75	23,2	217,5	874
3x35	RM	0,868	120	90	25,6	304,5	758
3x50	SM	0,641	—	106	30,2	435,0	1194
3x70	SM	0,443	187	130	34,5	609,0	1502
3x95	SM	0,320	227	154	38,3	826,5	1825
3x120	SM	0,253	263	174	42,0	1044,0	2225
3x150	SM	0,206	304	197	46,3	1305,0	2640
3x185	SM	0,164	347	220	50,6	1609,5	3114
3x240	SM	0,125	409	253	56,7	2088,0	3804
3x300	SM	0,100	471	286	62,3	2610,0	4587
4x10	RE/RM	3,080	—	—	19,3	116,0	574
4x16	RE/RM	1,910	—	—	21,5	185,6	734
4x25	RE/RM	1,200	97	75	25,1	290,0	1001
4x35	SM	0,868	120	90	27,8	406,0	909
4x50	SM	0,641	—	106	32,8	580,0	1401
4x70	SM	0,443	187	130	37,5	812,0	1786
4x95	SM	0,320	227	154	41,7	1102,0	2275
4x120	SM	0,253	263	174	45,8	1392,0	2687
4x150	SM	0,206	304	197	51,4	1740,0	3270
4x185	SM	0,164	347	220	56,2	2146,0	3857
4x240	SM	0,125	409	253	62,6	2784,0	4762
3x70+35	SM/SM	0,443/0,868	191	196	34,0	710,5	1379
3x95+50	SM/SM	0,320/0,641	234	234	39,9	971,5	2023
3x120+70	SM/SM	0,253/0,443	273	268	43,9	1247,0	2416
3x150+70	SM/SM	0,206/0,443	311	300	48,4	1508,0	2980
3x185+95	SM/SM	0,164/0,320	360	342	53,0	1885,0	3526
3x240+120	SM/SM	0,125/0,253	427	398	58,9	2436,0	4328

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; crta = vrednost nije navedena u izvoru. / Conductor shape: RE = round solid, RM = round stranded, SM = sector stranded; a dash = no value specified in the source.
- Struja u vazduhu za 3x50/4x50: izvor „1446“ očigledno pogrešan (≈142–146 A) — prikazano „—“. / Air current for 3x50/4x50: source “1446” is clearly wrong (≈142–146 A) — shown as “—”.
- Masa metala odnosi se na provodnike (bez armature). / Metal weight refers to the conductors (armour not included).
- Temperaturna klasa ispravljena na XLPE prema IEC 60502–1 (izvor je štampao PVC vrednosti 70/160 °C). / Temperature class corrected to XLPE per IEC 60502–1 (source printed the PVC values 70/160 °C).
- Sve vrednosti su orijentacione i podložne izmenama bez najave. / All values are indicative and subject to change without notice.