

GUMENI JEDNOŽILNI KABL · RUBBER SINGLE-CORE CA-

NSGAFöU

Gumeni jednožilni kabl 1,8/3 kV (NSGAFöU), kratkospojno i zemljospojno siguran do 1000 V, otporan na ulje, za povećana mehanička naprezanja.

Rubber-sheathed single-core cable 1,8/3 kV (NSGAFöU), short-circuit and earth-fault proof up to 1000 V, oil resistant, for increased mechanical stress.



PRIMENA / APPLICATION

Za šinska vozila, autobuse i suve prostorije. U razvodnim postrojenjima i ormanima kratkospojno i zemljospojno siguran do 1000 V. Za cevi, kanale, pokretne delove i ožičenje uređaja; ne na regale i lestve.

For rail vehicles, buses and dry rooms. Short-circuit and earth-fault proof up to 1000 V in switchgear and distribution boards. For pipes, ducts, moving parts and device wiring; not on trays and ladders.

KONSTRUKCIJA / CONSTRUCTION

Provodnik / Conductor: Cu kalajisan, fina žica, kl.5 / tinned

Izolacija / Insulation: Guma EPR, tip 3GI3 (VDE 0207-20)

Plast / Sheath: Polihloropren, tip 5GM3 (VDE 0207-21)

Boja / Colour: Crna ili narandžasta / black or orange

PREDNOSTI / ADVANTAGES

Kratkospojno i zemljospojno siguran do 1000 V; otporan na ulje (EN 60811-404); ne širi plamen (EN 60332-1-2); pogodan za povećana mehanička naprezanja.

Short-circuit and earth-fault proof up to 1000 V; oil resistant (EN 60811-404); flame retardant (EN 60332-1-2); suitable for increased mechanical stress.

TEHNIČKE KARAKTERISTIKE / SPECS

Napon U_0/U / Voltage 1,8 / 3 kV

Ispitni napon / Test voltage 6 kV

Maks. radna temp. provodnika /
Max. cond. +90 °C

Temp. opseg, pokretno / Mobile -25 ... +80 °C

Temp. opseg, fiksno / Fixed -40 ... +80 °C

Savijanje / Bending 10 x D (6 x D fiksno)

STANDARDI / STANDARDS

DIN VDE 0250-602 · EN 60332-1-2 · EN 60811-404

DIMENZIJE I ELEKTRIČNI PODACI / DIMENSION & ELECTRICAL DATA

Presek SECTION	približno APPROX.	Spolj. prečnik min-maks OUTER Ø MIN-MAX	Masa bakra COPPER WT.	Masa CABLE WT.
mm ²	AWG	mm	kg/km	kg/km
1x1,5	16	5,1 – 7,0	14,4	65,0
1x2,5	14	5,6 – 7,5	24,0	80,0
1x4	12	6,2 – 9,0	38,0	95,0
1x6	10	6,7 – 9,5	58,0	110,0
1x10	8	8,1 – 11,0	96,0	165,0
1x16	6	9,1 – 13,0	154,0	235,0
1x25	4	11,1 – 15,0	240,0	360,0
1x35	2	12,3 – 16,5	336,0	460,0
1x50	1	13,8 – 18,0	480,0	620,0
1x70	2/0	15,5 – 20,5	672,0	820,0
1x95	3/0	17,7 – 24,0	912,0	1070,0
1x120	4/0	19,2 – 26,0	1152,0	1330,0
1x150	300 kcmil	21,1 – 28,0	1440,0	1620,0
1x185	350 kcmil	23,1 – 31,0	1776,0	1960,0
1x240	500 kcmil	26,0 – 34,5	2304,0	2570,0
1x300	600 kcmil	28,4 – 38,0	2880,0	3180,0

NAPOMENE / NOTES

- Maks. pogonski napon: AC 2100 V (žila/zemlja) / 3600 V (žila/žila); DC 2700 / 5400 V. / Max. permissible operating voltage: AC 2100 V (conductor/earth) / 3600 V (conductor/conductor); DC 2700 / 5400 V.
- Obe izvedbe plašta (crna i narandžasta) imaju iste dimenzije i mase; AWG podaci su orijentacioni (provodnici su metrički). / Both sheath versions (black and orange) share the same dimensions and masses; AWG values are for orientation only (metric conductors).
- Sve vrednosti su orijentacione i podložne izmenama bez najave. / All values are indicative and subject to change without notice.