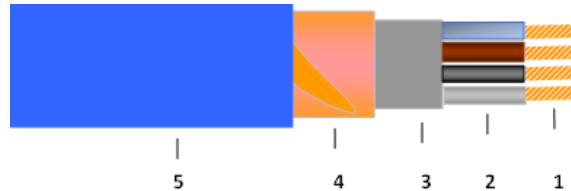




Cabluri de energie, izolate cu PVC, care nu favorizeaza propagarea incendiului. Cabluri multipolare pentru pozare fixa, cu conductoare flexibile, ecranate, cu manta de PVC. Tensiunea nominala de $U_0/U = 0.6/1$ kV

N1VC7V-K

Fire retardant power cables, PVC insulated, multicores cables with flexible conductors for fixed installation, screened, PVC sheathed. Rated voltage $U_0/U = 0.6/1$ kV



Construcție 
<p>1 Conductor rotund flexibil de cupru nestanat clasa 5, conform SR EN 60228</p> <p>2 Izolatie de PVC de calitate R2</p> <p>3 Invelis comun</p> <p>4 Ecran din 2 benzi de cupru de grosime 0.1 mm</p> <p>5 Manta exterioara de PVC, de calitate Rz, de culoare albastru deschis</p>
Domeniul de utilizare
<p>In instalatii electrice fixe:</p> <ul style="list-style-type: none"> -in exterior si pozare subterana -in interior si in mediu umed -pozare fixa pe zidarie si structuri metalice
Date tehnice
<p>Specificatia tehnica : DV 204 ENEL</p> <p>Tensiunea nominala: $U_0/U=0,6/1$ kV</p> <p>Temperatura maxima admisa pe conductor:</p> <ul style="list-style-type: none"> • in regim permanent: $+70^\circ\text{C}$ <p>Temperatura admisa pe conductor:</p> <ul style="list-style-type: none"> • la scurtcircuit (1 s): $+160^\circ\text{C}$ <p>Temperatura minima a mediului ambient: $+5^\circ\text{C}$</p> <p>Temperatura mediului ambient la utilizare: $-40^\circ\text{C}...+60^\circ\text{C}$</p> <p>Temperatura mediului ambient la transport si depozitare: $-40^\circ\text{C}...+70^\circ\text{C}$</p> <p>Tensiunea de incercare: 4 kV, 50 Hz, 1 min, in stare uscata</p> <p>Rezistenta electrica a ecranului: max. 5 Ω/km</p> <p>Cablurile sunt cu rezistenta la propagarea flacarii, conform SR EN 60332-1-2</p> <p>Emisia de gaze acide halogenate, conform SR EN 60754-1:</p> <ul style="list-style-type: none"> • max. 22% (220mg/g) <p>Raza minima de curbura: 8 (D+d) unde,</p> <p>d- diametru conductorului</p> <p>D- diametru exterior al cablului</p> <p>Fora de tragere la pozare:</p> <ul style="list-style-type: none"> • max. 60 N/mm² de sectiune conductor <p>Identificare conductoare izolate:</p> <ul style="list-style-type: none"> - 2 conductoare: albastru, maro - 4 conductoare: albastru, maro, negru, gri

Cable construction 
<p>1 Round flexible copper conductor class 5, according to SR EN 60228</p> <p>2 PVC insulation R2 quality</p> <p>3 Inner covering</p> <p>4 Screen of 2 copper tapes of 0.1 mm thickness</p> <p>5 PVC outer sheath, Rz quality, light blue color</p>
Application
<p>In fixed electrical installations:</p> <ul style="list-style-type: none"> -on the outside and underground laying -inside and in wet environment -fixed laying on masonry and metallic structures
Technical data
<p>Technical specification: DV 204 ENEL</p> <p>Rated voltage: $U_0/U = 0.6 / 1$ kV</p> <p>Maximum admissible conductor temperature:</p> <ul style="list-style-type: none"> • in permanent mode: $+70^\circ\text{C}$ <p>Admissible conductor temperature:</p> <ul style="list-style-type: none"> • at short-circuit (1 s): $+160^\circ\text{C}$ <p>Minimum ambient temperature: $+5^\circ\text{C}$</p> <p>Ambient operating temperature: -40°C to $+60^\circ\text{C}$</p> <p>Ambient temperature for transport and storage: -40°C to $+70^\circ\text{C}$</p> <p>Test voltage: 4 kV, 50 Hz, 1 min</p> <p>Electrical resistance of the screen: max. 5 Ω/km</p> <p>The cables are flame retardant, according to SR EN 60332-1-2</p> <p>Emission of halogenated acid gases according to SR EN 60754-1:</p> <ul style="list-style-type: none"> • max. 22% (220mg/g) <p>Minimum bending radius: 8 (D+d) where,</p> <p>d- diameter of conductor</p> <p>D- outer diameter of the cable</p> <p>Pulling force at laying:</p> <ul style="list-style-type: none"> • max. 60 N/mm² for conductor cross-section <p>Cores identification:</p> <ul style="list-style-type: none"> -2 conductors: blue, brown -4 conductors: blue, brown, black, gray

Cabluri de energie, izolate cu PVC, care nu favorizeaza propagarea incendiului. Cabluri multipolare pentru pozare fixa, cu conductoare flexibile, ecranate, cu manta de PVC. Tensiunea nominala de U₀/U= 0.6/1 kV

N1VC7V-K

Fire retardant power cables, PVC insulated, multicores cables with flexible conductors for fixed installation, screened, PVC sheathed. Rated voltage U₀/U = 0.6/1 kV

Matricola	Tip	Nr. Cond. pe sectiune	Diam. sarmei din cond. (max.)	Diam. cond.	Grosime medie izolatie (min.)	Grosime medie manta (min.)	Diam. Ext. D (max.)	Masa cablu	Rezistenta electrica la 20°C (max.)	Cap.pt. pozare in aer liber pe perete	Cap. pt. pozare in tub sau conducte in aer	Curent de scc termic (1 s)	Curent de scc termic a ecranului
Matricola	Type	Nr. of cond.per section	Diameter of wires (max.)	Diam. of cond.	Medium insulation thickness (min.)	Medium sheath thickness (min.)	Outer Diam. D (max.)	Cable weight	Electrical resistance at 20°C (max.)	Current carrying capacity in free air	Current carrying capacity tube or conduct in air	Short-circuit thermic current (1 s)	Screen short-circuit thermic current
		Nxmm ²	mm	mm	mm	mm	mm	Kg/km	Ω/km	A	A	kA	kA
34 91 51	204/1A	2x1.5	0.26	1.6	0.8	1.8	15.0	265	13.3	19.5	17.5	0.17	0.6
34 91 52	204/1	2x2.5	0.26	2.0	0.8	1.8	16.0	315	7.98	25	24	0.28	0.6
34 91 53	204/2	2x4	0.31	2.6	1.0	1.8	18.0	405	4.95	35	32	0.46	0.6
34 91 54	204/3	2x6	0.31	3.4	1.0	1.8	19.0	495	3.30	46	41	0.69	0.6
34 91 55	204/4	2x10	0.31	4.4	1.0	1.8	21.0	700	1.91	63	57	1.1	0.6
34 91 56	204/5	2x16	0.41	5.7	1.0	1.8	25.0	800	1.24	85	76	1.8	0.6
34 91 57	204/6	2x25	0.41	6.9	1.2	1.8	26.5	1295	0.78	112	101	2.8	0.6
34 91 66	204/7A	3x1.5	0.26	1.6	0.8	1.8	15.5	280	13.7	17.5	15,5	0.17	0.6
34 91 67	204/8	3x2.5	0.26	2.0	0.8	1.8	16.5	340	8.21	24	21	0.28	0.6
34 91 68	204/8A	3x4	0.31	2.6	1.0	1.8	18.5	440	5.09	-	-	0.46	0.6
34 91 69	204/8B	3x6	0.31	3.4	1.0	1.8	20.0	530	3.39	-	-	0.69	0.6
34 91 71	204/8C	3x16	0.41	5.7	1.0	1.8	24.0	960	1.24	-	-	1.84	0.6
34 91 81	204/8D	4x1.5	0.26	1.6	0.8	1.8	16.5	340	13.3	15.5	14	0.17	0.6
34 91 82	204/9	4x2.5	0.26	2.0	0.8	1.8	17.5	420	7.98	21	19	0.28	0.6
34 91 83	204/10	4x4	0.31	2.6	1.0	1.8	20.0	560	4.95	28	25	0.46	0.6
34 91 84	204/11	4x6	0.31	3.4	1.0	1.8	21.5	690	3.30	36	32	0.69	0.6
34 91 85	204/12	4x10	0.41	4.4	1.0	1.8	23.5	1000	1.91	50	44	1.15	0.6
34 91 86	204/13	4x16	0.41	5.7	1.0	1.8	26.0	1200	1.24	-	-	1.84	0.6
34 91 87	204/14	4x25	0.41	6.9	1.2	1.8	30.5	1680	0.795	-	-	2.87	0.6