

Cabluri de energie cu izolație de polietilena reticulata si manta de PVC

Tip cablu: C2XY(-F) U-1000 R12V / N2XY U-1000 R02V

Utilizare: Cablurile sunt utilizate pentru transportul energiei electrice la statii de putere.
Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton, in apa.

STANDARD DE PRODUS: SR HD 603 S1 ; IEC 502 ; NF C 32-321

Conductor unifilar (re) sau multifilar (rm,.sm)



IZOLATIE:

XLPE- polietilena reticulabila tip DIX 3

Manta de PVC, neagra

PVC tip DMV6 negru sau gri

COD DE CULORI:

NUMAR DE CONDUCTOARE	CU CONDUCTOR GALBEN/VERDE	FARA CONDUCTOR GALBEN/VERDE
1	G/V	ALBASTRU
2	G/V, NEGRU, pentru sect. >10mm ²	ALBASTRU – MARO
3	G/V –ALBASTRU – MARO	MARO – NEGRU – GRI
4	G/V – MARO – NEGRU – GRI	ALBASTRU – MARO – NEGRU – GRI
5	G/V –ALBASTRU – MARO – NEGRU – GRI	ALBASTRU – MARO – NEGRU – GRI –NEGRU
>5	G/V (numerotate)	NEGRU (numerotate)

CARACTERISTICI GENERALE:

Tensiune nominala $U_0/U(U_m)$: 0.6/1(1.2) kV

Temperatura conductorului de cupru in functionarea de durata: 90°C

Temperatura maxima a conductorului in scurt - circuit (max 5 s): 250°C

Temperatura minima a cablului (masurata pe manta) - la montaj -5°C

- in exploatare -40°C

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarii, incercare conform SR EN 332-1-2 sau SR EN 50266-4-2 categoria C

Tensiunea de incercare: 4 kV, 50 Hz, timp de 5 minute.

Raza minima de curbura la instalare: - 15 x diametrul cablului - cablu monofilar

- 12 x diametrul cablului - cablu multifilar

Forta maxima de tractiune la pozare: 50 N/mm²

Dimensiune cablu	Tip conductor	Nr de fire din conductor	Grosime radiala izolatie	Grosime radiala manta	Rezistenta electrica max, la 20°C	Diametru exterior Outer diameter mm		Masa inf Mass inf
Cable size	Conductor type	No. of wires / conductor	Radial insulation thickness mm	Radial sheath thickness mm	Max. resist. at 20°C Ω/km	Min	Max	kg/km
1x1.5	re	1	0.7	1.4	12.1		6.6	56
1x2.5	re	1	0.7	1.4	7.41		7.0	59
1x4	re	1	0.7	1.4	4.61		7.6	77
1x6	re	1	0.7	1.4	3.08		8.2	99

Dimensiune cablu	Tip conductor	Nr de fire din conductor	Grosime radiala izolatie	Grosime radiala manta	Rezistenta electrica max, la 20°C	Diametru exterior Outer diameter mm		Masa inf Mass inf
Cable size	Conductor type	No. of wires / conductor	Radial insulation thickness mm	Radial sheath thickness mm	Max. resist. at 20°C Ω/km	Min	Max	kg/km
1x10	re	1	0.7	1.4	1.83		9.2	144
1x16	re	1	0.7	1.4	1.15		10.5	230
1x25	rm	7	0.9	1.4	0.727		12.5	314
1x35	rm	7	0.9	1.4	0.524		13.5	414
1x50	rm	19	1.0	1.4	0.387		15.0	543
1x70	rm	19	1.1	1.4	0.268		17.0	756
1x95	rm	19	1.1	1.5	0.193		19.0	1009
1x120	rm	37	1.2	1.5	0.153		21.0	1250
1x150	rm	37	1.4	1.6	0.124		23.0	1550
1x185	rm	37	1.6	1.6	0.0991		25.5	1939
1x240	rm	61	1.7	1.7	0.0754		28.5	2533
1x300	rm	61	1.8	1.8	0.0601		31.0	3134
2x1.5	re	1	0.7	1.8	12.1	8.8	10.5	134
2x2.5	re	1	0.7	1.8	7.41	9.6	11.5	169
2x4	re	1	0.7	1.8	4.61	10.5	13.0	229
2x6	re	1	0.7	1.8	3.08	11.5	14.0	290
2x10	re	1	0.7	1.8	1.83	13.0	16.0	415
2x16	re	1	0.7	1.8	1.15	14.5	18.5	618
2x25	rm	7	0.9	1.8	0.727	17.5	22.0	916
2x35	rm	7	0.9	1.8	0.524	19.5	24.5	1190
3x1.5	re	1	0.7	1.8	0.387	9.2	11.0	154
3x2.5	re	1	0.7	1.8	7.41	10.0	12.5	197
3x4	re	1	0.7	1.8	4.61	11.0	13.5	271
3x6	re	1	0.7	1.8	3.08	12.0	15.0	351
3x10	re	1	0.7	1.8	1.83	13.5	17.0	512
3x16	re	1	0.7	1.8	1.15	15.5	19.5	767
3x16+10	re	1;1	0.7	1.8	1.15;1.83	18.4	21.7	879
3x25	rm	7	0.9	1.8	0.727	19.0	23.5	1149
3x25+16	rm;re	7;1	0.9;0.7	1.8	0.727;1.15	21.9	25.7	1324
3x35	rm	7	0.9	1.8	0.524	21.0	26.0	1507
3x35+16	rm;re	7;1	0.9;0.7	1.8	0.524;1.15	23.9	28.2	1661
3x50	sm	19	1.0	1.8	0.387	24.5	29.0	1801
3x50+25	sm;rm	19;7	1.0;0.9	1.9	0.387;0.727		32	1932
3x70	sm	19	1.1	1.9	0.268	31.5	37.5	2482
3x70+35	sm;rm	19;7	1.1;0.9	2.0	0.268;0.524		37.0	2678
3x95	sm	19	1.1	2.1	0.193	36.0	42.5	3395
3x95+50	sm;sm	19;19	1.1;1.0	2.2	0.193;0.387		43.0	3636
3x120	sm	37	1.2	2.1	0.153	40.0	47.5	4167
3x120+70	sm;sm	37;19	1.2;1.1	2.3	0.153;0.268		48.0	4596
3x150	sm	37	1.4	2.3	0.124	44.5	52.5	5115
3x150+70	sm;sm	37;19	1.4;1.1	2.4	0.124;0.268		53.0	5485
3x185	sm	37	1.6	2.4	0.0991	50.0	59.0	6425

Dimensiune cablu	Tip conductor	Nr de fire din conductor	Grosime radiala izolatie	Grosime radiala manta	Rezistenta electrica max, la 20°C	Diametru exterior Outer diameter mm		Masa inf Mass inf
Cable size	Conductor type	No. of wires / conductor	Radial insulation thickness mm	Radial sheath thickness mm	Max. resist. at 20°C Ω/km	Min	Max	kg/km
3x185+95	sm;sm	37;19	1.6;1.1	2.6	0.0991;0.193		60.0	6936
4x1.5	re	1	0.7	1.8	12.1	9.8	12.0	180
4x2.5	re	1	0.7	1.8	7.41	10.5	13.0	236
4x4	re	1	0.7	1.8	4.61	12.0	14.5	328
4x6	re	1	0.7	1.8	3.08	13.0	16.0	430
4x10	re	1	0.7	1.8	1.83	15.0	18.5	634
4x16	re	1	0.7	1.8	1.15	17.0	21.0	957
4x25	rm	7	0.9	1.8	0.727	20.5	25.5	1444
4x35	rm	7	0.9	1.8	0.524	23.0	28.5	1906
4x50	sm	19	1.0	1.9	0.387	27.0	32.5	2336
4x70	sm	19	1.1	2.0	0.268	31.5	37.5	3220
4x95	sm	19	1.1	2.2	0.193	36.0	42.5	4447
4x120	sm	37	1.2	2.3	0.153	40.0	47.5	5475
4x150	sm	37	1.4	2.5	0.124	44.5	52.5	6700
4x185	sm	37	1.6	2.6	0.0991	50.0	59.0	8407
5x1.5	re	1	0.7	1.8	12.1	10.5	13.0	216
5x2.5	re	1	0.7	1.8	7.41	11.5	14.5	284
5x4	re	1	0.7	1.8	4.61	13.0	16.0	395
5x6	re	1	0.7	1.8	3.08	14.0	17.5	526
5x10	re	1	0.7	1.8	1.83	16.5	20.0	783
5x16	re	1	0.7	1.8	1.15	18.5	23.0	1167
5x25	rm	7	0.9	1.8	0.727	23.0	28.0	1768
7x1.5	re	1	0.7	1.8	12.1	11.5	13.5	253
7x2.5	re	1	0.7	1.8	7.41	12.5	15.0	341
8x1.5	re	1	0.7	1.8	12.1	12.5	14.5	256
8x2.5	re	1	0.7	1.8	7.41	13.5	16.5	348
10x1.5	re	1	0.7	1.8	12.1	14.0	16.5	301
10x2.5	re	1	0.7	1.8	7.41	15.5	19.0	414
12x1.5	re	1	0.7	1.8	12.1	14.5	17.0	342
12x2.5	re	1	0.7	1.8	7.41	16.0	19.5	475
14x1.5	re	1	0.7	1.8	12.1	15.0	18.0	384
14x2.5	re	1	0.7	1.8	7.41	17.0	20.5	539
19x1.5	re	1	0.7	1.8	12.1	17.0	19.5	491
19x2.5	re	1	0.7	1.8	7.41	19.0	22.5	696
24x1.5	re	1	0.7	1.8	12.1	19.5	22.5	607
24x2.5	re	1	0.7	1.8	7.41	22.0	25.5	866
30x1.5	re	1	0.7	1.8	12.1	20.5	24.0	727
30x2.5	re	1	0.7	1.8	7.41	23.0	27.5	1047
37x1.5	re	1	0.7	1.8	12.1	22.5	25.5	870
37x2.5	re	1	0.7	1.8	7.41	25.0	29.5	1261

NOTĂ:

Fișa tehnică are caracter informativ.

Specificațiile produsului pot diferi în funcție de fabricant.