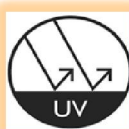
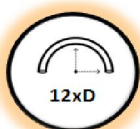
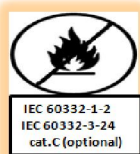
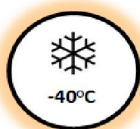
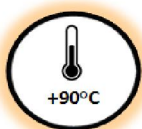
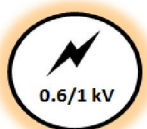


C2XEAb(z)Y(-F)



Cablu de energie, ecranat, armat, cu izolatie de polietilena reticulata si manta de PVC

Screened – armored power cable with XLPE insulation and PVC sheath



Standard de fabricatie: SR CEI 60502-1
Tensiune nominala U_o/U(Um): 0.6/1(1.2) kV
Tensiunea de incercare: 4 kV, 50 Hz, timp de 5 minute.

Domeniul de utilizare

Cablurile sunt utilizate pentru transportul energiei electrice la statiile de putere.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton.

Temperatura max. a conductorului 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 rezistenta la UV

Conductor de cupru

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

Izolatie: polietilena reticulata (XLPE)

Ecran: banda de cupru 0.1 mm

Manta interioara: PVC

Armatura

Banda de otel laminata la rece nezincata sau zincata de grosime 0.2 sau 0.5 mm.

Manta exterioara: PVC

Aceste cabluri sunt cu rezistenta sau rezistenta marita la propagarea flacarii; incercare conf. SR EN 60332-1-2 sau SR EN 60332-3-24/cat.C

Marcaj pe manta

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie, marcare metraj.

Raza minima de curbura la instalare

12 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- 1 conductor - negru sau galben-verde
- 2 conductoare-albastru, maro
- galben-verde, negru, pt sect >10mm²
- 3 conductoare-maro, negru, gri
- galben-verde, albastru, maro
- 4 conductoare-albastru, maro, negru, gri
- galben-verde, maro, negru, gri
- 5 conductoare: -albastru, maro, negru, gri, negru
- galben-verde, albastru, maro, negru, gri

Mai mult de 5 conductoare:

- conductoare negre numerotate
- galben-verde, conductoare negre numerotate.

Standard: SR CEI 60502-1
Rated voltage U_o/U(Um): 0.6/1(1.2) kV
Test voltage: 4 kV, 50 Hz, for 5 minutes.

Applications

Power supply to power stations

The cables can be installed in open or confined areas, under ground, in sewers, in concrete .

Maximum conductor temperature in long-run operation: +90°C

Max. conductor temperature in short-circuit (max 5 s): +250°C

Min. cable temperature (measured on the sheath surface):

- during installation: -5°C
- in operation: -40°C

* UV resistant cables

Copper conductor

Monowire (re) or multiwire conductor (rm,sm)

Insulation: cross-linkable polyethylene (XLPE)

Screen Copper tape 0.1 mm

Inner sheath: PVC

Armor

Blank or zinc-plated cold-rolled steel tape, thickness 0.2 or 0.5 mm

Sheath: PVC

Flame retardant or extra flame retardant cables; test according to SR EN 60332-1-2 or SR EN 60332-3-24/ C category

Sheath marking

SC ELECTROPLAST SA, cable symbol, operational voltage, manufacture year, length marking.

Min. bending radius at installation :

12 x cable diameter

Max. tensile strain at installation :

50 N/mm²

Color coding :

- 1 conductor -black or yellow-green
- 2 conductors -blue, brown
- yellow-green, black for sect.>10 mm²
- 3 conductors -brown, black, grey
-yellow-green, blue, brown
- 4 conductors-blue, brown, black, grey
-yellow-green, brown, black, grey
- 5 conductors- blue, brown, black, grey, black
-yellow-green, blue, brown, black, grey

More than 5 conductors:

- black conductors, white numbered
- yellow-green, black numbered conductors

C2XEAb(z)Y(-F)



Cablu de energie, ecranat, armat, cu izolatie de polietilena reticulata si manta de PVC

Screened – armored power cable with XLPE insulation and PVC sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Cond. type</i>	Nr de fire din conductor <i>No. of wires / conductor</i>	Grosime radiala izolatie <i>Radial insulation thickness</i> mm	Grosime radiala manta <i>Radial sheath thickness</i> mm		Diametru exterior nominal <i>Nominal outer diameter</i> mm	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i> Ω/km	Masa inf <i>Mass inf</i> kg/km
				Int <i>inner</i>	Ext <i>ext</i>			
2x1.5	re	1	0.7	1.2	1.8	12.8	12.1	185
2x2.5	re	1	0.7	1.2	1.8	13.6	7.41	217
2x4	re	1	0.7	1.2	1.8	14.7	4.61	260
2x6	re	1	0.7	1.2	1.8	15.7	3.08	312
2x10	re	7	0.7	1.2	1.8	18.6	1.83	435
2x16	re	7	0.7	1.2	1.8	20.8	1.15	574
2x25	rm	7	0.9	1.2	1.8	24.2	0.727	822
2x35	rm	7	0.9	1.2	1.8	26.6	0.524	1037
3x1.5	re	1	0.7	1.2	1.8	13.2	0.387	209
3x2.5	re	1	0.7	1.2	1.8	14.1	7.41	252
3x4	re	1	0.7	1.2	1.8	15.3	4.61	310
3x6	re	1	0.7	1.2	1.8	16.4	3.08	382
3x10	re	7	0.7	1.2	1.8	19.5	1.83	547
3x16	re	7	0.7	1.2	1.8	21.8	1.15	744
3x25	rm	7	0.9	1.2	1.8	25.5	0.727	1091
3x25+16	rm;re	7	0.9;0.7	1.2	1.8	26.6	0.727;1.15	1269
3x35	rm	7	0.9	1.2	1.9	28.3	0.524	1400
3x35+16	rm;re	7	0.9;0.7	1.2	1.8	28.8	0.524;1.15	1598
3x50+25	sm;rm	19;7	1.0 ; 0.9	1.2	1.8	27.3	0.387;0.727	2035
3x70+35	sm;rm	19;7	1.1 ; 0.9	1.2	1.9	30.7	0.268;0.524	2854
3x95+50	sm;sm	19;19	1.1; 1.0	1.2	2.1	34.5	0.193;0.387	3785
3x120+70	sm;sm	37;19	1.2 ; 1.1	1.2	2.1	38.8	0.153;0.268	4853
3x150+70	sm;sm	37;19	1.4 ; 1.1	1.3	2.3	43.0	0.124;0.268	5616
3x185+95	sm;sm	37;19	1.6 ; 1.1	1.3	2.3	43.9	0.0991;0.193	7252
3x240+120	sm;sm	37;37	1.7 ; 1.2	1.5	2.6	52.8	0.0754;0.153	9184
4x1.5	re	1	0.7	1.2	1.8	13.9	12.1	238
4x2.5	re	1	0.7	1.2	1.8	14.9	7.41	293
4x4	re	1	0.7	1.2	1.8	16.2	4.61	366
4x6	re	1	0.7	1.2	1.8	17.5	3.08	458
4x10	re	7	0.7	1.2	1.8	20.9	1.83	667
4x16	re	7	0.7	1.2	1.8	23.5	1.15	923
4x25	rm	7	0.9	1.2	1.8	27.6	0.727	1372
4x35	rm	7	0.9	1.2	1.9	30.7	0.524	1784
4x50	sm	19	1.0	1.2	1.8	27.8	0.387	2348

C2XEAb(z)Y(-F)



Cablu de energie, ecranat, armat, cu izolatie de polietilena reticulata si manta de PVC

Screened – armored power cable with XLPE insulation and PVC sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Cond. type</i>	Nr de fire din conductor <i>No. of wires / conductor</i>	Grosime radiala izolatie <i>Radial insulation thickness</i> mm	Grosime radiala manta <i>Radial sheath thickness</i> mm		Diametru exterior nominal <i>Nominal outer diameter</i> mm	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i> Ω/km	Masa inf <i>Mass inf</i> kg/km
				Int <i>inner</i>	Ext <i>ext</i>			
4x70	sm	19	1.1	1.2	2.0	31.9	0.268	3305
4x95	sm	19	1.1	1.2	2.1	35.5	0.193	4391
4x120	sm	37	1.2	1.2	2.3	40.5	0.153	5453
4x150	sm	37	1.4	1.3	2.4	44.5	0.124	6459
4x185	sm	37	1.6	1.4	2.5	48.9	0.0991	8268
4x240	sm	37	1.7	1.5	2.7	54.7	0.0754	10435
5x1.5	re	1	0.7	1.2	1.8	14.7	12.1	268
5x2.5	re	1	0.7	1.2	1.8	15.8	7.41	334
5x4	re	1	0.7	1.2	1.8	17.3	4.61	424
5x6	re	1	0.7	1.2	1.8	18.6	3.08	547
5x10	re	7	0.7	1.2	1.8	22.4	1.83	789
5x16	re	7	0.7	1.2	1.8	25.4	1.15	1104
5x25	rm	7	0.9	1.2	1.9	30.1	0.727	1655
5x35	rm	7	0.9	1.2	2.0	33.6	0.524	2192
7x1.5	re	1	0.7	1.2	1.8	15.5	12.1	316
7x2.5	re	1	0.7	1.2	1.8	16.7	7.41	404
8x1.5	re	1	0.7	1.2	1.8	17.2	12.1	350
8x2.5	re	1	0.7	1.2	1.8	18.6	7.41	450
10x1.5	re	1	0.7	1.2	1.8	18.1	12.1	400
10x2.5	re	1	0.7	1.2	1.8	19.7	7.41	550
12x1.5	re	1	0.7	1.2	1.8	18.6	12.1	457
12x2.5	re	1	0.7	1.2	1.8	20.2	7.41	600
14x1.5	re	1	0.7	1.2	1.8	19.3	12.1	503
14x2.5	re	1	0.7	1.2	1.8	21.0	7.41	668
19x1.5	re	1	0.7	1.2	1.8	20.9	12.1	617
19x2.5	re	1	0.7	1.2	1.8	22.9	7.41	835
24x1.5	re	1	0.7	1.2	1.8	23.7	12.1	749
24x2.5	re	1	0.7	1.2	1.8	26.1	7.41	950
30x1.5	re	1	0.7	1.2	1.8	24.8	12.1	900
30x2.5	re	1	0.7	1.2	1.8	27.4	7.41	1250
37x1.5	re	1	0.7	1.2	1.8	26.5	12.1	1000
37x2.5	re	1	0.7	1.2	1.8	29.3	7.41	1450