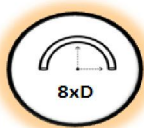
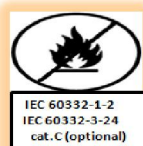
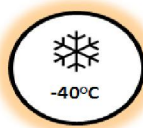
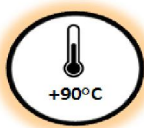
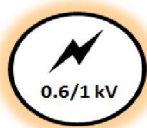


CS2XEY , CS2XEY-F 0.6/1 kV



Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC

Screened signal cable with XLPE insulation and PVC sheath



Standard de referinta: SR CEI 60502-1
Tensiune nominala U_0/U : 0.6/1 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru comanda si semnalizare in statii electroenergetice si similare.

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

Temperatura max in functionarea de durata: +90°C

Temperatura de utilizare normala: -40°C÷+80°C

Temperatura minima de montaj: -5°C

* **Cablurile sunt cu rezistenta la radiatii UV**

Conductor de cupru

Conductor unifilar (re) sau multifilar (rm), SR EN 60228

Izolatie: polietilena reticulata (XLPE)

Ecran

Aluminiu pe suport de poliester tip ALU/PET, grosime 9/12 µm cu fir de continuitate din sarma de cupru stanata de 0.4 mm.

Manta

PVC negru respectiv gri

Cablurile CS2XEY sunt cu intarziere la propagarea flacarii, incercare conf. SR EN 60332-1-2.

Cablurile CS2XEY-F sunt cu intarziere marita la propagarea flacarii, incercare conf. SR CEI 60332-3-24/ categoria C.

Marcaj pe manta

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie, marcaj de lungime.

Raza minima de curbura la instalare

8 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa, restul conductoarelor vor fi albe.

Reference standard: SR CEI 60502-1
Rated voltage U_0/U : 0.6/1 kV

Applicability

Control and signal transmittal in power generation and supply facilities.

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

Max. temperature in long-run operation: +90°C

Normal operational temperature range: -40°C÷+80°C

Minimum temperature during installation: -5°C

* **UV resistant cables**

Copper conductor

Solid conductor (re) or concentrically stranded conductor (rm), SR EN 60228

Insulation: crosslinked polyethylene (XLPE)

Screen

Aluminum on polyester base ALU/PET type 9/12µm, with 0.4 mm tinned copper continuity wire.

Sheath

PVC black or gray

CS2XEY are flame retardant cables; test according to SR EN 60332-1-2

CS2XEY-F are extra flame retardant cables; test according to 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

8 x cable diameter

Max. tensile strain during installation

50 N/mm²

Color coding

- Two adjacent conductors within each layer must have different colors, a dark and a light one, whereas the remaining ones must be white.

CS2XEY(-F) 0.6/1 kV



Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC

Screened signal cable with XLPE insulation and PVC sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C</i> Ω/km	Diametru exterior nominal <i>Nominal outer diameter</i> mm	Masa inf <i>Mass inf</i> kg/km
2x1	re	0.7	1.8	18.1	9.3	99
2x1.5	re	0.7	1.8	12.1	9.8	115
2x2.5	re	0.7	1.8	7.41	10.6	141
2x4	re	0.7	1.8	4.61	11.5	179
2x6	re	0.7	1.8	3.08	12.5	228
2x10	rm	0.7	1.8	1.83	15.0	332
3x1	re	0.7	1.8	18.1	9.7	117
3x1.5	re	0.7	1.8	12.1	10.2	136
3x2.5	re	0.7	1.8	7.41	11.1	174
3x4	re	0.7	1.8	4.61	12.1	228
3x6	re	0.7	1.8	3.08	13.2	296
3x10	rm	0.7	1.8	1.83	15.9	443
4x1	re	0.7	1.8	18.1	10.4	136
4x1.5	re	0.7	1.8	12.1	11.0	162
4x2.5	re	0.7	1.8	7.41	11.9	210
4x4	re	0.7	1.8	4.61	13.1	279
4x6	re	0.7	1.8	3.08	14.3	369
4x10	rm	0.7	1.8	1.83	17.3	558
5x1	re	0.7	1.8	18.1	11.1	158
5x1.5	re	0.7	1.8	12.1	11.7	187
5x2.5	re	0.7	1.8	7.41	12.8	247
6x2.5	re	0.7	1.8	7.41	13.5	282
5x4	re	0.7	1.8	4.61	14.1	332
5x6	re	0.7	1.8	3.08	15.5	442
5x10	rm	0.7	1.8	1.83	18.8	675
7x1	re	0.7	1.8	18.1	11.8	189
7x1.5	re	0.7	1.8	12.1	12.8	234
7x2.5	re	0.7	1.8	7.41	14.0	315
8x2.5	re	0.7	1.8	7.41	15.6	358
7x4	re	0.7	1.8	4.61	15.4	430
7x6	re	0.7	1.8	3.08	16.9	579
7x10	rm	0.7	1.8	1.83	20.4	895

CS2XEY(-F) 0.6/1 kV



Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC

Screened signal cable with XLPE insulation and PVC sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C</i> Ω/km	Diametru exterior nominal <i>Nominal outer diameter</i> mm	Masa inf <i>Mass inf</i> kg/km
9x1	re	0.7	1.8	18.1	13.8	236
9x1.5	re	0.7	1.8	12.1	14.8	291
9x2.5	re	0.7	1.8	7.41	16.3	395
9x4	re	0.7	1.8	4.61	18.1	544
9x6	re	0.7	1.8	3.08	20.0	737
9x10	rm	0.7	2.0	1.83	24.7	1141
12x1	re	0.7	1.8	18.1	14.8	285
12x1.5	re	0.7	1.8	12.1	15.8	356
12x2.5	re	0.7	1.8	7.41	17.5	491
12x4	re	0.7	1.8	4.61	19.4	685
12x6	re	0.7	1.8	3.08	20.0	938
12x10	rm	0.7	2.0	1.83	26.7	1466
14x1	re	0.7	1.8	18.1	15.4	318
14x1.5	re	0.7	1.8	12.1	16.5	399
14x2.5	re	0.7	1.8	7.41	18.3	555
16x1	re	0.7	1.8	18.1	16.1	351
16x1.5	re	0.7	1.8	12.1	17.3	444
16x2.5	re	0.7	1.8	7.41	19.2	621
19x1	re	0.7	1.8	18.1	16.9	399
19x1.5	re	0.7	1.8	12.1	18.1	507
19x2.5	re	0.7	1.8	7.41	20.1	715
20x2.5	re	0.7	1.8	7.41	20.7	736
21x1	re	0.7	1.8	18.1	19.4	450
21x1.5	re	0.7	1.8	12.1	20.9	571
21x2.5	re	0.7	1.8	7.41	23.3	802
24x1	re	0.7	1.8	18.1	19.4	490
24x1.5	re	0.7	1.8	12.1	20.9	626
24x2.5	re	0.7	1.8	7.41	23.3	887
27x1	re	0.7	1.8	18.1	19.4	533
27x1.5	re	0.7	1.8	12.1	21.3	685
27x2.5	re	0.7	1.8	7.41	23.6	977
30x1	re	0.7	1.8	18.1	20.4	580
30x1.5	re	0.7	1.8	12.1	22.0	747

CS2XEY(-F) 0.6/1 kV

Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC

Screened signal cable with XLPE insulation and PVC sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm	Rezistenta electrica max,la 20°C <i>Max. Resistance at 20°C</i> Ω/km	Diametru exterior nominal <i>Nominal outer diameter</i> mm	Masa inf <i>Mass inf</i> kg/km
30x2.5	re	0.7	1.8	7.41	24.6	1069
33x1	re	0.7	1.8	18.1	21.2	627
33x1.5	re	0.7	1.8	12.1	22.9	809
33x2.5	re	0.7	1.8	7.41	25.5	1163
37x1	re	0.7	1.8	18.1	21.9	687
37x1.5	re	0.7	1.8	12.1	23.7	851
37x2.5	re	0.7	1.8	7.41	26.5	1285
42x1	re	0.7	1.8	18.1	24.5	778
42x1.5	re	0.7	1.8	12.1	26.5	1009
48x1	re	0.7	1.8	18.1	24.9	862
48x1.5	re	0.7	1.8	12.1	26.9	1124
52x1	re	0.7	1.8	18.1	25.5	921
52x1.5	re	0.7	1.8	12.1	27.6	1204
56x1	re	0.7	1.8	18.1	26.2	981
56x1.5	re	0.7	1.9	12.1	28.6	1299
61x1	re	0.7	1.8	18.1	27.0	1055
61x1.5	re	0.7	1.9	12.1	29.4	1399