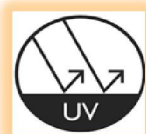
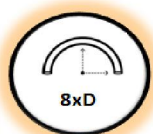
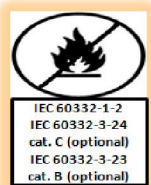
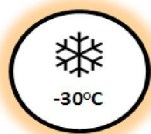
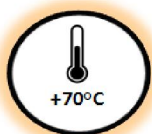
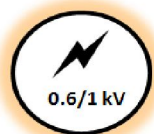


CSYE_cY , CSYE_cY-F , CSYE_cY-F-B 0.6/1 kV

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



PVC – insulated and sheathed screened signal cables



Standard de fabricatie: ST 106
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:

+70°C

Temperatura de utilizare normala: -33°C÷+70°C

Temperatura minima de montaj: -5°C

* Cablurile sunt cu rezistenta la UV

Conductor de cupru

Conductor unifilar (re), conf. SR EN 60228

Izolatie

PVC

Ecran

Banda de cupru

Manta

PVC, negra respectiv gri

Cablurile sunt cu rezistenta la propagarea flacarii:

CSYE_cY conf. SR EN 60332-1-2

Cablurile sunt cu rezistenta marita la propagarea flacarii:

CSYE_cY-F conf. SR EN 60332-3-24 cat. C

CSYE_cY-F-B conf. SR EN 60332-3-23 cat. B

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.

Production standard: ST 106
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.

Max. temperature in long-run operation: +70°C

Normal operational temperature range:

-33°C÷+70°C

Minimum temperature during installation: -5°C

* UV resistant cables

Copper conductor

Solid conductor (re), acc. to SR EN 60228

Insulation

PVC

Screen

Copper tape

Sheath

PVC, black or gray

Flame retardant cables:

CSYE_cY acc. to SR EN 60332-1-2

Extra flame retardant cables:

CSYE_cY-F acc. to SR EN 60332-3-24 C category

CSYE_cY-F-B, acc. to SR EN 60332-3-23 B 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.

**CSYEcY , CSYEcY-F ,
CSYEcY-F-B 0.6/1 kV**



**Cablu de semnalizare, ecranat, cu izolatie si
manta de PVC**

**PVC – insulated and sheathed screened
signal cables**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness mm</i>	Grosime radiala manta <i>Sheath radial thickness mm</i>	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	0.8	1.8	18.1	9.6	113
2x1.5	re	0.8	1.8	12.1	10.1	129
2x2.5	re	0.8	1.8	7.41	10.9	159
2x4	re	1.0	1.8	4.61	12.6	216
2x6	re	1.0	1.8	3.08	13.6	268
2x10	re	1.0	1.8	1.83	15.3	366
3x1	re	0.8	1.8	18.1	10.0	135
3x1.5	re	0.8	1.8	12.1	10.6	157
3x2.5	re	0.8	1.8	7.41	11.4	198
3x4	re	1.0	1.8	4.61	13.3	276
3x6	re	1.0	1.8	3.08	14.4	350
3x10	re	1.0	1.8	1.83	16.2	489
4x1	re	0.8	1.8	18.1	10.7	159
4x1.5	re	0.8	1.8	12.1	11.3	184
4x2.5	re	0.8	1.8	7.41	12.3	240
4x4	re	1.0	1.8	4.61	14.4	340
4x6	re	1.0	1.8	3.08	15.6	436
4x10	re	1.0	1.8	1.83	17.6	618
5x1	re	0.8	1.8	18.1	11.5	188
5x1.5	re	0.8	1.8	12.1	12.2	224
5x2.5	re	0.8	1.8	7.41	13.3	290
5x4	re	1.0	1.8	4.61	15.6	419
5x6	re	1.0	1.8	3.08	17.0	523
5x10	re	1.0	1.8	1.83	19.2	748
7x1	re	0.8	1.8	18.1	12.3	225
7x1.5	re	0.8	1.8	12.1	13.3	275
7x2.5	re	0.8	1.8	7.41	14.5	362
7x4	re	1.0	1.8	4.61	17.1	525
7x6	re	1.0	1.8	3.08	18.6	686
7x10	re	1.0	1.8	1.83	20.8	997
9x1	re	0.8	1.8	18.1	14.5	281
9x1.5	re	0.8	1.8	12.1	15.5	343
9x2.5	re	0.8	1.8	7.41	17.0	456
9x4	re	1.0	1.8	4.61	20.3	667

**CSYEcY , CSYEcY-F ,
CSYEcY-F-B 0.6/1 kV**



**Cablu de semnalizare, ecranat, cu izolatie si
manta de PVC**

**PVC – insulated and sheathed screened
signal cables**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness mm</i>	Grosime radiala manta <i>Sheath radial thickness mm</i>	Rezistenta electrica max,la 20°C <i>Max. resistance at 20°C</i>	Diametru exterior nominal <i>Nominal outer diameter</i>	Masa inf <i>Mass inf</i>
				Ω/km	mm	kg/km
9x6	re	1.0	1.8	3.08	22.2	875
9x10	re	1.0	2.0	1.83	25.7	1298
12x1	re	0.8	1.8	18.1	15.5	343
12x1.5	re	0.8	1.8	12.1	16.5	422
12x2.5	re	0.8	1.8	7.41	18.2	568
12x4	re	1.0	1.8	4.61	22.8	841
12x6	re	1.0	1.8	3.08	23.9	1113
12x10	re	1.0	2.0	1.83	25.7	1680
14x1	re	0.8	1.8	18.1	16.2	385
14x1.5	re	0.8	1.8	12.1	17.3	475
14x2.5	re	0.8	1.8	7.41	19.0	643
16x1	re	0.8	1.8	18.1	17.0	432
16x1.5	re	0.8	1.8	12.1	18.1	534
16x2.5	re	0.8	1.8	7.41	20.0	727
19x1	re	0.8	1.8	18.1	17.8	487
19x1.5	re	0.8	1.8	12.1	19.0	606
19x2.5	re	0.8	1.8	7.41	21.0	829
21x1	re	0.8	1.8	18.1	20.5	548
21x1.5	re	0.8	1.8	12.1	22.0	682
21x2.5	re	0.8	2.0	7.41	24.8	955
24x1	re	0.8	1.8	18.1	20.5	600
24x1.5	re	0.8	1.8	12.1	22.0	750
24x2.5	re	0.8	2.0	7.41	24.8	1055
27x1	re	0.8	1.8	18.1	20.9	657
27x1.5	re	0.8	1.8	12.1	22.5	822
27x2.5	re	0.8	2.0	7.41	25.3	1160
30x1	re	0.8	1.8	18.1	21.6	715
30x1.5	re	0.8	1.8	12.1	23.2	897
30x2.5	re	0.8	2.0	7.41	26.2	1270
33x1	re	0.8	1.8	18.1	22.4	778
33x1.5	re	0.8	1.9	12.1	24.2	1003
33x2.5	re	0.8	2.0	7.41	27.2	1388
37x1	re	0.8	1.8	18.1	23.2	850
37x1.5	re	0.8	2.0	12.1	25.4	1098
37x2.5	re	0.8	2.0	7.41	28.2	1524

**CSYE_cY , CSYE_cY-F ,
CSYE_cY-F-B 0.6/1 kV**



**Cablu de semnalizare, ecranat, cu izolatie si
manta de PVC**

**PVC – insulated and sheathed screened
signal cables**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness mm</i>	Grosime radiala manta <i>Sheath radial thickness mm</i>	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
42x1	re	0.8	1.9	18.1	26.7	987
42x1.5	re	0.8	2.0	12.1	28.7	1244
48x1	re	0.8	2.0	18.1	27.1	1095
48x1.5	re	0.8	2.0	12.1	29.1	1385
52x1	re	0.8	2.0	18.1	27.8	1173
52x1.5	re	0.8	2.0	12.1	29.9	1484
56x1	re	0.8	2.0	18.1	28.3	1254
56x1.5	re	0.8	2.0	12.1	30.5	1589
61x1	re	0.8	2.0	18.1	29.1	1344
61x1.5	re	0.8	2.0	12.1	31.3	1706