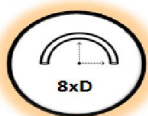
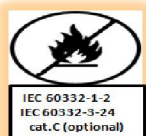
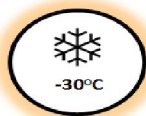
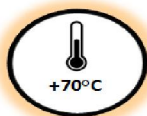
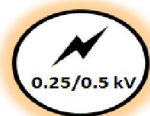


## CSY EY , CSY EY-F 0.25/0.5 kV

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



### PVC – insulated and sheathed screened signal cables



**Standard de fabricatie:** ST 106  
**Tensiune nominala  $U_0/U$ :** 0.25/0.5 kV  
**Tensiune de incercare:** 3.125 kV, c.a. , 5 min

#### Domeniul de utilizare

Cablurile sunt utilizate pentru blocare, masurare, control tehnologic, avertizare de incendiu, circuite de curent continuu.

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), SR EN 60228

#### Izolatie

PVC

#### Ecran

Aluminiu pe suport de poliester tip ALU/PET , grosime 9/12  $\mu\text{m}$  cu fir de continuitate din sarma de cupru stanata de 0.4 mm.

#### Manta

PVC

Cablurile CSY EY sunt cu rezistenta la propagarea flacarii; incercare conf. SR EN 60332-1-2

Iar CSY EY-F, sunt cu rezistenta marita la propagarea flacarii, incercare conf. SR EN 60332-3-24/ cat.C

#### Marcaj pe manta

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

#### Raza minima de curbura la instalare

8 x diametrul cablului

#### Forta maxima de tractiune la pozare

50 N/mm<sup>2</sup>

#### 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  $U_0/U$ :** 0.25/0.5 kV  
**Test voltage:** 3.125 kV a.c., 5 min

#### Applicability

Blocking, measuring, technological control, fire alert, DC circuits

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

**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), SR EN 60228

#### Insulation

PVC

#### Screen

Aluminum screen on polyester base ALU/PET type 9/12  $\mu\text{m}$  thickness, with 0.4 mm tinned copper continuity wire.

#### Sheath

PVC

CSY EY, are flame retardant cables; test according to SR EN 60332-1-2

CSY EY-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/mm<sup>2</sup>

#### Color coding

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



**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>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
3x0.5	re	0.5	1.8	36.0	8.0	81
12x0.5	re	0.5	1.8	36.0	11.6	190
2x1	re	0.6	1.8	18.1	9.1	98
2x1.5	re	0.6	1.8	12.1	9.6	113
2x2.5	re	0.7	1.8	7.41	10.8	148
2x4	re	0.8	1.8	4.61	12.1	195
2x6	re	0.8	1.8	3.08	13.1	245
3x1	re	0.6	1.8	18.1	9.5	116
3x1.5	re	0.6	1.8	12.1	10.0	137
3x2.5	re	0.7	1.8	7.41	11.3	184
3x4	re	0.8	1.8	4.61	12.7	249
3x6	re	0.8	1.8	3.08	13.8	320
4x1	re	0.6	1.8	18.1	10.1	136
4x1.5	re	0.6	1.8	12.1	10.7	162
4x2.5	re	0.7	1.8	7.41	12.1	223
4x4	re	0.8	1.8	4.61	13.7	306
4x6	re	0.8	1.8	3.08	15.0	399
5x1	re	0.6	1.8	18.1	10.7	156
5x1.5	re	0.6	1.8	12.1	11.4	189
5x2.5	re	0.7	1.8	7.41	13.0	263
5x4	re	0.8	1.8	4.61	14.8	364
5x6	re	0.8	1.8	3.08	16.2	478
7x1	re	0.6	1.8	18.1	11.4	191
7x1.5	re	0.6	1.8	12.1	12.4	237
7x2.5	re	0.7	1.8	7.41	14.2	335
7x4	re	0.8	1.8	4.61	16.2	473
7x6	re	0.8	1.8	3.08	17.7	628
9x1	re	0.6	1.8	18.1	13.3	237
9x1.5	re	0.6	1.8	12.1	14.2	294
9x2.5	re	0.7	1.8	7.41	16.5	422
9x4	re	0.6	1.8	4.61	19.1	599
9x6	re	0.6	1.8	3.08	21.0	799
12x1	re	0.6	1.8	18.1	14.1	289
12x1.5	re	0.6	1.8	12.1	15.2	361
12x2.5	re	0.7	1.8	7.41	17.7	525
12x4	re	0.6	1.8	4.61	20.4	755
12x6	re	0.6	1.8	3.08	22.6	1018
14x1	re	0.6	1.8	18.1	14.7	322
14x1.5	re	0.6	1.8	12.1	15.8	406

## CSYEY , CSYEY-F 0.25/0.5 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>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
14x2.5	re	0.7	1.8	7.41	18.5	595
16x1	re	0.6	1.8	18.1	15.4	357
16x1.5	re	0.6	1.8	12.1	16.6	452
16x2.5	re	0.7	1.8	7.41	19.4	666
19x1	re	0.6	1.8	18.1	16.1	406
19x1.5	re	0.6	1.8	12.1	17.3	517
19x2.5	re	0.7	1.8	7.41	20.3	768
21x1	re	0.6	1.8	18.1	18.4	457
21x1.5	re	0.6	1.8	12.1	19.9	581
21x2.5	re	0.7	1.8	7.41	23.5	861
24x1	re	0.6	1.8	18.1	18.4	500
24x1.5	re	0.6	1.8	12.1	19.9	581
24x2.5	re	0.7	1.8	7.41	23.5	954
27x1	re	0.6	1.8	18.1	18.8	547
27x1.5	re	0.6	1.8	12.1	20.3	703
27x2.5	re	0.7	1.9	7.41	24.4	1077
30x1	re	0.6	1.8	18.1	19.4	591
30x1.5	re	0.6	1.8	12.1	21.0	765
30x2.5	re	0.7	1.9	7.41	25.2	1173
33x1	re	0.6	1.8	18.1	20.0	642
33x1.5	re	0.6	1.9	12.1	21.7	830
33x2.5	re	0.7	2.0	7.41	26.1	1278
37x1	re	0.6	1.8	18.1	20.7	705
37x1.5	re	0.6	2.0	12.1	22.5	914
37x2.5	re	0.7	1.9	7.41	27.1	1412
42x1	re	0.6	1.9	18.1	23.1	798
42x1.5	re	0.6	1.9	12.1	25.5	1060
48x1	re	0.6	1.9	18.1	23.4	886
48x1.5	re	0.6	1.9	12.1	25.9	1180
52x1	re	0.6	1.9	18.1	24.4	972
52x1.5	re	0.6	1.9	12.1	26.5	1264
56x1	re	0.6	1.9	18.1	25.1	1035
56x1.5	re	0.6	1.9	12.1	27.3	1349
61x1	re	0.6	1.9	18.1	25.8	1113
61x1.5	re	0.6	1.9	12.1	28.0	1454