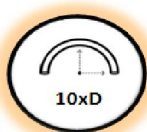
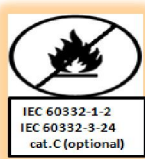
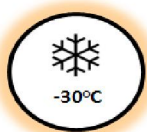
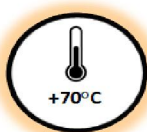
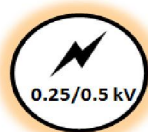


CSYAb(z)Y, CSYAb(z)Y-F 0.25/0.5 kV



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

PVC- insulated and sheathed, armored signal cable



Standard: ST 106

Tensiune nominala U_0/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blocare, masurare, control tehnologic, circuite de curent continuu, cu solicitari mecanice mari.

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÷+60°C

Temperatura minima de montaj: -5°C

* Cablul este cu rezistenta la UV

Conductor de cupru

Conductor multifilar (re), SR EN 60228

Izolatie: PVC

Manta interioara: PVC

Armatura

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

Manta exterioara:

PVC, negru sau gri

Cablurile CSYAb(z)Y, sunt cu rezistenta la propagarea flacarii; incercare conf. SR EN 60332-1-2

Iar CSYAb(z)Y-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 de lungime.

Raza minima de curbura la instalare
10 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.

Manufacturing standard: ST 106

Rated voltage U_0/U : 0.25/0.5 kV

Applicability

Blocking, measuring, technological control, DC circuits under strong mechanical stress

The 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÷+60°C

Minimum temperature during installation: -5°C

* UV resistant cable

Copper conductor

Solid conductor (re), SR EN 60228

Insulation: PVC

Inner sheath: PVC

Armor

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

Outer sheath

PVC, black or grey.

CSYAb(z)Y, are flame retardant cables; test according to SR EN 60332-1-2

CSYAb(z)Y-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
10 x cable diameter

Max. tensile strain during installation
50 N/mm²

Color coding

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

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness</i> mm	Grosime radiala manta		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
			mm				
			Int.	Ext.			
2x1	re	0.6	0.8	1.4	10.1	18.1	178
2x1.5	re	0.6	0.8	1.4	10.7	12.1	204
2x2.5	re	0.7	0.8	1.4	11.9	7.41	256
2x4	re	0.8	0.8	1.4	13.2	4.61	329
2x6	re	0.8	0.8	1.4	14.4	3.08	404
3x1	re	0.6	0.8	1.4	10.4	18.1	196
3x1.5	re	0.6	0.8	1.4	11.1	12.1	228
3x2.5	re	0.7	0.8	1.4	12.4	7.41	292
3x4	re	0.8	0.8	1.4	13.8	4.61	381
3x6	re	0.8	0.8	1.4	15.1	3.08	475
4x1	re	0.6	0.8	1.4	11.0	18.1	223
4x1.5	re	0.6	0.8	1.4	11.7	12.1	262
4x2.5	re	0.7	0.8	1.4	13.2	7.41	341
4x4	re	0.8	0.8	1.4	14.8	4.61	451
4x6	re	0.8	0.8	1.4	16.3	3.08	570
5x1	re	0.6	0.8	1.4	11.7	18.1	253
5x1.5	re	0.6	0.8	1.4	12.5	12.1	299
5x2.5	re	0.7	0.8	1.4	14.1	7.41	395
5x4	re	0.8	0.8	1.4	15.9	4.61	528
5x6	re	0.8	0.8	1.4	17.5	3.08	672
7x1	re	0.6	0.8	1.4	12.4	18.1	292
7x1.5	re	0.6	0.8	1.4	13.2	12.1	349
7x2.5	re	0.7	0.8	1.4	15.0	7.41	475
7x4	re	0.8	0.8	1.4	17.1	4.61	645
7x6	re	0.8	0.8	1.4	18.8	3.08	826
9x1	re	0.6	0.8	1.4	14.7	18.1	350
9x1.5	re	0.6	0.8	1.4	15.7	12.1	419
9x2.5	re	0.7	0.8	1.4	18.0	7.41	568
9x4	re	0.8	1.0	1.4	20.9	4.61	792
9x6	re	0.8	1.0	1.4	22.9	3.08	1015
12x1	re	0.6	0.8	1.4	15.5	18.1	408
12x1.5	re	0.6	0.8	1.4	16.6	12.1	495
12x2.5	re	0.7	0.8	1.4	19.1	7.41	683
12x4	re	0.8	1.0	1.4	22.3	4.61	964
14x1	re	0.6	0.8	1.4	16.1	18.1	448
14x1.5	re	0.6	0.8	1.4	17.3	12.1	546
14x2.5	re	0.7	0.8	1.4	19.9	7.41	760
16x1	re	0.6	0.8	1.4	16.8	18.1	489
16x1.5	re	0.6	0.8	1.4	18.0	12.1	599
16x2.5	re	0.7	1.0	1.4	21.2	7.41	863
19x1	re	0.6	0.8	1.4	17.5	18.1	545
19x1.5	re	0.6	0.8	1.4	18.8	12.1	672
19x2.5	re	0.7	1.0	1.4	22.2	7.41	975
21x1	re	0.6	0.8	1.4	19.8	18.1	618
21x1.5	re	0.6	1.0	1.4	21.8	12.1	784
21x2.5	re	0.7	1.0	1.8	26.2	7.41	1151
24x1	re	0.6	0.8	1.4	19.8	18.1	660

CSYAb(z)Y, CSYAb(z)Y-F
0.25/0.5 kV



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

PVC- insulated and sheathed, armored signal cable

Tipodi- mensiune 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</i>		Diametru exterior nominal <i>Nominal outer diameter</i>	Rezistenta electrica, max la 20°C <i>Max. Resistance at 20°C</i>	Masa inf <i>Mass inf</i>		
			mm					Ω/km	kg/km
			Int.	Ext.					
24x1.5	re	0.6	1.0	1.4	21.8	12.1	842		
24x2.5	re	0.7	1.0	1.8	26.2	7.41	1244		
27x1	re	0.6	0.8	1.4	20.1	18.1	709		
27x1.5	re	0.6	1.0	1.4	22.2	12.1	907		
27x2.5	re	0.7	1.0	1.8	26.7	7.41	1347		
30x1	re	0.6	1.0	1.4	21.1	18.1	785		
30x1.5	re	0.6	1.0	1.4	22.8	12.1	979		
30x2.5	re	0.7	1.0	1.8	27.5	7.41	1458		
33x1	re	0.6	1.0	1.4	21.8	18.1	841		
33x1.5	re	0.6	1.0	1.8	24.4	12.1	1098		
33x2.5	re	0.7	1.0	1.8	28.4	7.41	1572		
37x1	re	0.6	1.0	1.4	22.5	18.1	911		
37x1.5	re	0.6	1.0	1.8	25.2	12.1	1192		
37x2.5	re	0.7	1.0	1.8	29.4	7.41	1716		
42x1	re	0.6	1.0	1.8	25.6	18.1	1077		
42x1.5	re	0.6	1.0	1.8	27.6	12.1	1339		
48x1	re	0.6	1.0	1.8	26.0	18.1	1169		
48x1.5	re	0.6	1.0	1.8	28.0	12.1	1464		
52x1	re	0.6	1.0	1.8	26.6	18.1	1239		
52x1.5	re	0.6	1.0	1.8	28.7	12.1	1556		
56x1	re	0.6	1.0	1.8	27.3	18.1	1310		
56x1.5	re	0.6	1.0	1.8	29.4	12.1	1649		
61x1	re	0.6	1.0	1.8	28.0	18.1	1396		
61x1.5	re	0.6	1.0	1.8	30.2	12.1	1762		