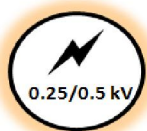


CSYnAb(z)Y(O/J), CSYnAb(z)Y(O/J)-F 0.25/0.5 kV

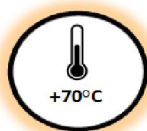
Cablu de semnalizare armat, cu izolatie si manta de PVC



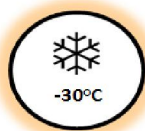
PVC – insulated and sheathed, armored signal cable



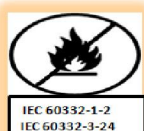
0.25/0.5 kV



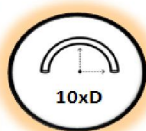
+70°C



-30°C



IEC 60332-1-2
IEC 60332-3-24
cat. C (optional)



10xD



UV



MIN -5°C



RoHS
COMPLIANT

Standard: ST 106

Tensiune nominala U_0/U : 0.25/0.5 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru blacare, 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÷+70°C

Temperatura minima de montaj: -5°C

* **Cablurile sunt cu rezistenta la UV**

Conductor de cupru

Conductor unifilar (re), SR EN 60228

Izolatia

PVC

Manta interioara

PVC

Armatura

Banda de otel laminata la rece de grosime minima 0.2 mm.

Manta exterioara

PVC

Cablurile CSYnAb(z)Y(O/J), sunt cu rezistenta la propagarea flacarii; incercare conf. SR EN 60332-1-2 iar CSYnAb(z)Y(O/J)-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

10 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- O - Conductoare negre numerotate
- J - Un conductor galben-verde, restul negre numerotate

Production 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÷+70°C

Minimum temperature during installation: -5°C

* **UV resistant cables**

Copper conductor

Solid conductor (re), SR EN 60228

Insulation

PVC

Inner sheath

PVC

Armor

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

Outer sheath

PVC

CSYnAb(z)Y(O/J), are flame retardant cables; test according to SR EN 60332-1-2

CSYnAb(z)Y(O/J)-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

- O - Black conductors, white numbered
- J - yellow-green conductor, others black, white numbered.

CSYnAb(z)Y(O/J), CSYnAb(z)Y(O/J)-F
0.25/0.5 kV



Cablu de semnalizare armat, cu izolatie si manta de PVC

PVC – insulated and sheathed, armored signal cable

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 <i>Sheath radial 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.	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

CSYnAb(z)Y(O/J), CSYnAb(z)Y(O/J)-F
0.25/0.5 kV



Cablu de semnalizare armat, cu izolatie si manta de PVC

PVC – insulated and sheathed, armored signal cable

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 <i>Sheath radial 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.	Ext.			
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
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