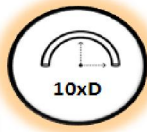
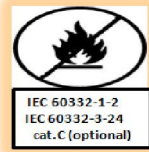
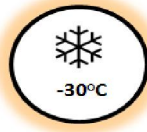
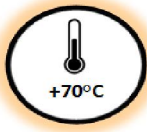
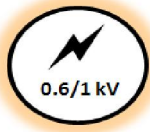


CSYAbYF, CSYAbzYF, CSYAbYF-F, CSYAbzYF-F 0.6/1 kV



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

Armored signal cable with PVC insulation and sheath



Standard de fabricatie: ST 106
Tensiune nominala U_0/U : 0.6/1 kV
Tensiune de incercare: 8 kV c.c, 1 minut

Domeniul de utilizare

Cablurile sunt utilizate in instalatii electroenergetice si similare cu solicitari mecanice mari.
Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton.

Temperatura max a conductorului 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 flexibil multifilar (rm), cl.5 conf. 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

Cablurile CSYAb(z)YF, sunt cu rezistenta la propagare a flacarii; incercare conf. SR EN 60332-1-2
Iar CSYAb(z)YF-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.

Production standard: ST 106
Rated voltage U_0/U : 0.6/1 kV
Test voltage: 8 kV c.c, 1 minute

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: +70°C

Normal operational temperature range: -33°C/+70°C
Minimum temperature during installation: -5°C

* UV resistant cables

Copper conductor

Flexible conductor (rm), cl.5 acc. to SR EN 60228

Insulation

PVC

Inner sheath

PVC

Armor

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

Outer sheath

PVC

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

CSYAb(z)YF-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 must have different colors, a dark and light one, whereas the remaining ones must be white.

**CSYAbYF, CSYAbzYF, CSYAbYF-F,
CSYAbzYF-F 0.6/1 kV**



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

Armored signal cable with PVC insulation and sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Diametrul maxim al unei sarme <i>Cond. max diameter of a single wire mm</i>	Grosime radiala izolatie <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>		Diametru exterior nominal <i>Nominal outer diameter mm</i>	Rezistenta electrica, max la 20°C <i>Max. resistance at 20°C</i>	Masa inf <i>Mass inf kg/km</i>
				Int.	Ext.			
2x1	cl.5	0.21	0.8	0.8	1.4	11.1	19.5	209
2x1.5	cl.5	0.26	0.8	0.8	1.4	11.5	13.3	234
2x2.5	cl.5	0.26	0.8	0.8	1.4	12.5	7.98	287
2x4	cl.5	0.31	1.0	0.8	1.4	14.3	4.95	384
2x6	cl.5	0.31	1.0	0.8	1.4	15.7	3.30	463
3x1	cl.5	0.21	0.8	0.8	1.4	11.4	19.5	222
3x1.5	cl.5	0.26	0.8	0.8	1.4	11.8	13.3	243
3x2.5	cl.5	0.26	0.8	0.8	1.4	12.8	7.98	316
3x4	cl.5	0.31	1.0	0.8	1.4	14.8	4.95	408
3x6	cl.5	0.31	1.0	0.8	1.4	16.2	3.30	499
4x1	cl.5	0.21	0.8	0.8	1.4	12.0	19.5	260
4x1.5	cl.5	0.26	0.8	0.8	1.4	12.7	13.3	301
4x2.5	cl.5	0.26	0.8	0.8	1.4	13.7	7.98	369
4x4	cl.5	0.31	1.0	0.8	1.4	15.8	4.95	505
4x6	cl.5	0.31	1.0	0.8	1.4	17.2	3.30	604
5x1	cl.5	0.21	0.8	0.8	1.4	12.8	19.5	296
5x1.5	cl.5	0.26	0.8	0.8	1.4	13.5	13.3	345
5x2.5	cl.5	0.26	0.8	0.8	1.4	14.6	7.98	427
5x4	cl.5	0.31	1.0	0.8	1.4	17.0	4.95	591
5x6	cl.5	0.31	1.0	0.8	1.4	18.6	3.30	742
7x1	cl.5	0.21	0.8	0.8	1.4	13.6	19.5	338
7x1.5	cl.5	0.26	0.8	0.8	1.4	14.4	13.3	398
7x2.5	cl.5	0.26	0.8	0.8	1.4	15.6	7.98	502
7x4	cl.5	0.31	1.0	0.8	1.4	18.3	4.95	705
7x6	cl.5	0.31	1.0	0.8	1.4	20.0	3.30	905
9x1	cl.5	0.21	0.8	0.8	1.4	16.2	19.5	401
9x1.5	cl.5	0.26	0.8	0.8	1.4	17.2	13.3	473
9x2.5	cl.5	0.26	0.8	0.8	1.4	18.7	7.98	597
9x4	cl.5	0.31	1.0	0.8	1.4	22.1	4.95	835
9x6	cl.5	0.31	1.0	0.8	1.4	24.2	3.30	1080
12x1	cl.5	0.21	0.8	0.8	1.4	17.2	19.5	470
12x1.5	cl.5	0.26	0.8	0.8	1.4	18.3	13.3	559
12x2.5	cl.5	0.26	0.8	0.8	1.4	20.0	7.98	718
12x4	cl.5	0.31	1.0	0.8	1.8	24.4	4.95	1065
14x1	cl.5	0.21	0.8	0.8	1.4	17.8	19.5	515
14x1.5	cl.5	0.26	0.8	0.8	1.4	19.0	13.3	618

**CSYAbYF, CSYAbzYF, CSYAbYF-F,
CSYAbzYF-F 0.6/1 kV**



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

Armored signal cable with PVC insulation and sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Diametrul maxim al unei sarme <i>Cond. max diameter of a single wire mm</i>	Grosime radiala izolatie <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>		Diametru exterior nominal <i>Nominal outer diameter mm</i>	Rezistenta electrica, max la 20°C <i>Max. resistance at 20°C</i>	Masa inf <i>Mass inf kg/km</i>
				Int.	Ext.			
14x2.5	cl.5	0.26	0.8	0.8	1.4	20.8	7.98	800
16x1	cl.5	0.21	0.8	0.8	1.4	18.6	19.5	564
16x1.5	cl.5	0.26	0.8	0.8	1.4	19.9	13.3	678
16x2.5	cl.5	0.26	0.8	1.0	1.4	22.2	7.98	907
19x1	cl.5	0.21	0.8	0.8	1.4	19.5	19.5	629
19x1.5	cl.5	0.26	0.8	0.8	1.4	20.8	13.3	761
19x2.5	cl.5	0.26	0.8	1.0	1.4	23.2	7.98	1025
21x1	cl.5	0.21	0.8	1.0	1.4	22.6	19.5	739
21x1.5	cl.5	0.26	0.8	1.0	1.8	25.0	13.3	936
21x2.5	cl.5	0.26	0.8	1.0	1.8	27.4	7.98	1211
24x1	cl.5	0.21	0.8	1.0	1.4	22.6	19.5	788
24x1.5	cl.5	0.26	0.8	1.0	1.8	25.0	13.3	1002
24x2.5	cl.5	0.26	0.8	1.0	1.8	27.4	7.98	1309
27x1	cl.5	0.21	0.8	1.0	1.8	23.8	19.5	891
27x1.5	cl.5	0.26	0.8	1.0	1.8	25.4	13.3	1077
27x2.5	cl.5	0.26	0.8	1.0	1.8	27.9	7.98	1417
30x1	cl.5	0.21	0.8	1.0	1.8	24.5	19.5	956
30x1.5	cl.5	0.26	0.8	1.0	1.8	26.2	13.3	1160
30x2.5	cl.5	0.26	0.8	1.0	1.8	28.8	7.98	1534
33x1	cl.5	0.21	0.8	1.0	1.8	25.3	19.5	1023
33x1.5	cl.5	0.26	0.8	1.0	1.8	27.1	13.3	1246
33x2.5	cl.5	0.26	0.8	1.0	1.8	29.7	7.98	1653
37x1	cl.5	0.21	0.8	1.0	1.8	26.1	19.5	1101
37x1.5	cl.5	0.26	0.8	1.0	1.8	28.0	13.3	1246
37x2.5	cl.5	0.26	0.8	1.0	1.8	30.8	7.98	1798
42x1	cl.5	0.21	0.8	1.0	1.8	28.8	19.5	1243
42x1.5	cl.5	0.26	0.8	1.0	1.8	30.8	13.3	1515
48x1	cl.5	0.21	0.8	1.0	1.8	29.3	19.5	1351
48x1.5	cl.5	0.26	0.8	1.0	1.8	31.3	13.3	1656
52x1	cl.5	0.21	0.8	1.0	1.8	30.0	19.5	1433
52x1.5	cl.5	0.26	0.8	1.2	1.8	32.5	13.3	1794
56x1	cl.5	0.21	0.8	1.0	1.8	30.8	19.5	1516
56x1.5	cl.5	0.26	0.8	1.2	1.8	33.3	13.3	1901
61x1	cl.5	0.21	0.8	1.2	1.8	32.0	19.5	1648
61x1.5	cl.5	0.26	0.8	1.2	2.2	35.0	13.3	2096