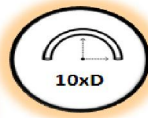
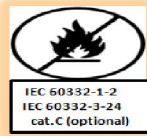
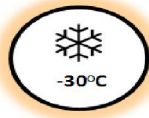
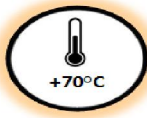
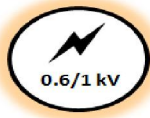


CSYEAbYF, CSYEAbzYF, CSYEAbYF-F, CSYEAbzYF-F 0.6/1 kV

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



PVC – insulated and sheathed screen-armored signal cable



Standard de fabricatie: ST 106
Tensiune nominala U_0/U : 0.6/1 kV

Domeniul de utilizare

Cablurile se utilizeaza pentru comanda si semnalizare in instalatii 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/+60°C

Temperatura minima de montaj: -5°C

* Cablurile sunt cu rezistenta la radiatii UV

Conductor de cupru

Conductor multifilar (rm), cl. 5, conf. SR EN 60228

Izolatie

PVC

Ecran

Ecran din aluminiu pe suport de poliester, tip ALU/PET 9/12µm.

Manta interioara

PVC

Armatura

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

Manta exterioara

PVC

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

Iar CSYEAb(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

Applicability

Control and transmittal of signals in power generation & supply facilities and similar applications. 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 cables

Copper conductor

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

Insulation

PVC

Screen

Aluminum screen on polyester base ALU/PET type 9/12µm.

Inner sheath

PVC

Armor

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

Sheath

PVC

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

CSYEAb(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.

Raza minima de curbura la instalare

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.

CSYEAbYF, CSYEAbzYF, CSYEAbYF-F, CSYEAbzYF-F 0.6/1 kV



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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	cl5	0.8	0.8	1.4	11.5	19.5	198
2x1.5	cl5	0.8	0.8	1.4	12.0	13.3	219
2x2.5	cl5	0.8	0.8	1.4	12.8	7.98	256
2x4	cl5	1.0	0.8	1.4	14.5	4.95	328
2x6	cl5	1.0	0.8	1.4	15.5	3.30	388
3x1	cl5	0.8	0.8	1.4	11.9	19.5	223
3x1.5	cl5	0.8	0.8	1.4	12.5	13.3	250
3x2.5	cl5	0.8	0.8	1.4	13.3	7.98	299
3x4	cl5	1.0	0.8	1.4	15.2	4.95	393
3x6	cl5	1.0	0.8	1.4	16.3	3.30	475
4x1	cl5	0.8	0.8	1.4	12.6	19.5	254
4x1.5	cl5	0.8	0.8	1.4	13.2	13.3	287
4x2.5	cl5	0.8	0.8	1.4	14.2	7.98	348
4x4	cl5	1.0	0.8	1.4	16.3	4.95	466
4x6	cl5	1.0	0.8	1.4	17.5	3.30	572
5x1	cl5	0.8	0.8	1.4	13.4	19.5	285
5x1.5	cl5	0.8	0.8	1.4	14.1	13.3	326
5x2.5	cl5	0.8	0.8	1.4	15.2	7.98	399
5x4	cl5	1.0	0.8	1.4	17.5	4.95	541
5x6	cl5	1.0	0.8	1.4	18.9	3.30	671
7x1	cl5	0.8	0.8	1.4	14.2	19.5	334
7x1.5	cl5	0.8	0.8	1.4	15.0	13.3	387
7x2.5	cl5	0.8	0.8	1.4	16.2	7.98	484
7x4	cl5	1.0	0.8	1.4	18.8	4.95	669
7x6	cl5	1.0	0.8	1.4	20.7	3.30	865
9x1	cl5	0.8	0.8	1.4	16.4	19.5	411
9x1.5	cl5	0.8	0.8	1.4	17.4	13.3	478
9x2.5	cl5	0.8	0.8	1.4	18.9	7.98	603
9x4	cl5	1.0	1.0	1.4	22.6	4.95	865
9x6	cl5	1.0	1.0	1.4	25.3	3.30	1139
12x1	cl5	0.8	0.8	1.4	17.4	19.5	480
12x1.5	cl5	0.8	0.8	1.4	18.4	13.3	565
12x2.5	cl5	0.8	0.8	1.4	20.1	7.98	725
12x4	cl5	1.0	1.0	1.8	24.9	4.95	1098
12x6	cl5	1.0	1.0	1.8	27.0	3.30	1394
14x1	cl5	0.8	0.8	1.4	18.1	19.5	526
14x1.5	cl5	0.8	0.8	1.4	19.2	13.3	624
14x2.5	cl5	0.8	0.8	1.4	21.3	7.98	829
16x1	cl5	0.8	0.8	1.4	18.9	19.5	574

CSYEAbYF, CSYEAbzYF, CSYEAbYF-F, CSYEAbzYF-F 0.6/1 kV



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PVC – insulated and sheathed screen-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.			
16x1.5	cl5	0.8	0.8	1.4	20.0	13.3	684
16x2.5	cl5	0.8	1.0	1.4	22.3	7.98	914
19x1	cl5	0.8	0.8	1.4	19.7	19.5	640
19x1.5	cl5	0.8	0.8	1.4	20.9	13.3	768
19x2.5	cl5	0.8	1.0	1.4	23.3	7.98	1032
21x1	cl5	0.8	0.8	1.4	23.6	19.5	795
21x1.5	cl5	0.8	1.0	1.4	25.1	13.3	943
21x2.5	cl5	0.8	1.0	1.8	27.5	7.98	1218
24x1	cl5	0.8	0.8	1.4	23.6	19.5	845
24x1.5	cl5	0.8	1.0	1.4	25.1	13.3	1009
24x2.5	cl5	0.8	1.0	1.8	27.5	7.98	1316
27x1	cl5	0.8	1.0	1.8	24.0	19.5	903
27x1.5	cl5	0.8	1.0	1.4	25.6	13.3	1085
27x2.5	cl5	0.8	1.0	1.8	28.0	7.98	1425
30x1	cl5	0.8	1.0	1.8	24.7	19.5	969
30x1.5	cl5	0.8	1.0	1.8	26.3	13.3	1168
30x2.5	cl5	0.8	1.0	1.8	28.9	7.98	1542
33x1	cl5	0.8	1.0	1.8	25.5	19.5	1036
33x1.5	cl5	0.8	1.0	1.8	27.2	13.3	1253
33x2.5	cl5	0.8	1.0	1.8	29.9	7.98	1661
37x1	cl5	0.8	1.0	1.8	26.3	19.5	1120
37x1.5	cl5	0.8	1.0	1.8	28.1	13.3	1361
37x2.5	cl5	0.8	1.0	1.8	30.9	7.98	1814
42x1	cl5	0.8	1.0	1.8	29.1	19.5	1264
42x1.5	cl5	0.8	1.0	1.8	31.1	13.3	1537
48x1	cl5	0.8	1.0	1.8	29.5	19.5	1360
48x1.5	cl5	0.8	1.0	1.8	31.9	13.3	1698
52x1	cl5	0.8	1.0	1.8	30.2	19.5	1441
52x1.5	cl5	0.8	1.0	1.8	32.7	13.3	1818
56x1	cl5	0.8	1.0	1.8	31.0	19.5	1538
56x1.5	cl5	0.8	1.0	1.8	34.4	13.3	1937
61x1	cl5	0.8	1.0	1.8	32.2	19.5	1672