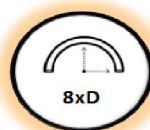
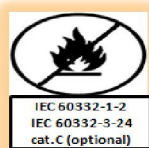
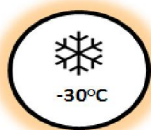
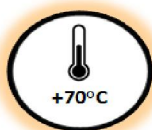
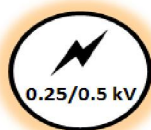


CSYEAb(z)YF, CSYEAb(z)YF-F, CSYEAb(z)YF-F, CSYEAb(z)YF-F 0.25/0.5 kV, in perechi



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

PVC – insulated and sheathed twinned screened- armored signal cables



Standard de fabricatie: ST 145
Tensiune nominala U_0/U : 0.25/0.5 kV
Capacitate mutuala: max 150 nF/km
Rezistenta de izolatie: min 200 MΩ*km

Domeniul de utilizare

Cablurile sunt utilizate pentru comanda si semnalizare in statiile electroenergetice si transmitere de date. Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton

* **Cablurile sunt cu rezistenta la UV**

Temperatura max in functionarea de durata:
+70°C

Temperatura de utilizare normala:
-33°C/+60°C

Temperatura minima de montaj: -5°C

Conductor de cupru

Conductor multifilar, cl.5 conf. SR EN 60228

Izolatie

PVC

Pas cablare pereche: max 66 mm

Ecran comun

Ecran din banda de cupru pe suport de poliester 20/23 μm (CSYEAbYF(-F)) sau aluminiu pe suport de poliester 9/12 μm (CSYEAbYF(-F))

Manta interna

PVC

Armatura

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

Manta exterioara

PVC

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

Iar CSYEAb(z)YF-F, 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, marcare de lungime.

Raza minima de curbura la instalare

8 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- In fiecare pereche cond a- alb
b- negru

* Conductoarele vor fi numerotate in functie de pereche

Production standard: ST 145
Rated voltage U_0/U : 0.25/0.5 kV
Mutual capacitance: max. 150 nF/km
Insulation resistance: min 200 MΩ*km

Applicability

Control and signal transmittal in power generation and supply facilities, data transmission.

The cables can be installed in open or confined areas, underground, in sewers.

* **UV resistant cables**

Max. temperature in long-run operation: +70°C

Normal operational temperature range:

-33°C/+60°C

Minimum temperature during installation: -5°C

Copper conductor

Flexible conductor, class 5, acc. to SR EN 60228

Insulation

PVC

Twinning length: max. 66 mm

Screen

Copper/PET tape 20/23 μm thickness (CSYEAbCYF(-F)) or aluminium/PET tape 9/12 μm (CSYEAbYF(-F))

Inner sheath

PVC

Armor

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

Sheath

PVC

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

CSYEAb(z)YF-F, 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.

Min. bending radius at installation

8 x cable diameter

Max. tensile strain during installation

50 N/mm²

Color coding

- For each pair: conductor a - white
b - black

* The conductors will be numbered according to pair

CSYEAb(z)YF, CSYEAb(z)YF, CSYEAb(z)YF-F, CSYEAb(z)YF-F 0.25/0.5 kV, in perechi



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

PVC – insulated and sheathed twinned screened- armored signal cables

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness</i>	Grosime radiala Manta Int/ext <i>Sheath radial thickness</i>	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i>	Diametru exterior nominal <i>Nominal outer diameter</i>	Masa inf <i>Mass inf</i>
		mm	mm	Ω/km	mm	kg/km
1x(2x1)	rm	0.6	1.4	19.5	10.7	180
2x(2x1)	rm	0.6	1.4	19.5	14.2	280
3x(2x1)	rm	0.6	1.4	19.5	14.8	322
4x(2x1)	rm	0.6	1.4	19.5	15.9	373
6x(2x1)	rm	0.6	1.4	19.5	18.4	481
8x(2x1)	rm	0.6	1.4	19.5	19.4	558
10x(2x1)	rm	0.6	1.4	19.5	21.7	662
12x(2x1)	rm	0.6	1.4	19.5	22.6	736
14x(2x1)	rm	0.6	1.8	19.5	24.7	870
16x(2x1)	rm	0.6	1.8	19.5	26.0	956
24x(2x1)	rm	0.6	1.8	19.5	30.4	1283
2x(2x1.5)	rm	0.6	1.8	13.3	14.9	311
6x(2x1.5)	rm	0.6	1.8	13.3	19.9	575
24x(2x1.5)	rm	0.6	1.8	13.3	32.7	1570