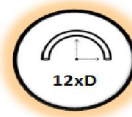
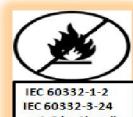
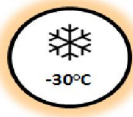
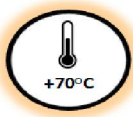
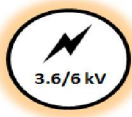


CYEAb(z)Y, CYEAb(z)Y-F 3.6/6 kV



Cablu de energie cu izolatie si manta de PVC, cu ecran de cupru si armatura

PVC – insulated and sheathed signal cable with copper screen and armor



Standard de fabricatie: SR CEI 60502-2
Tensiune nominala $U_0/U(U_m)$: 3.6/6(7.2) kV
Tensiune de incercare: 12.5 kV c.a, 5 min

Domeniul de utilizare

Cablurile sunt utilizate pentru transportul energiei electrice la statii de putere.

Temperatura maxima de lucru: +70°C
Temperatura maxima de scurt-circuit: +160°C
Temperatura minima a cablului (masurata pe manta):

- la montaj: -5°C
- in exploatare: -33°C

Conductor de cupru

Conductor multifilar (rm), sector multifilar (sm), cl.2 conf. SR EN 60228

Izolatie

PVC, tip B

Invelis intern

* Banda semiconductoare cu bariera la propagarea apei

Ecran de cupru

Banda de cupru, 0.1 mm grosime

Rezistenta electrica a ecranului la 20°C: max 3.08 Ω/km

Manta interioara

PVC, rosu.

Armatura

Banda laminata la rece nezincata sau zincata de grosime minima 0.5 mm.

Manta exterioara

PVC, rosu RAL 3020.

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

Iar CYEAb(z)-F sunt rezistenta marita la propagarea flacarii, test 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

12 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- 3 conductoare: albe

Reference standard: SR CEI 60502-2
Rated voltage $U_0/U(U_m)$: 3.6 / 6 (7.2) kV
Test voltage: 12.5 kV AC, 5 min

Applicability

Power supply to power stations.

Max. permissible operating temperature: +70°C
Max. short-circuit temperature: +160°C
Min. cable temperature (measured on sheath surface)

- during installation: -5°C
- in operation: -33°C

Copper conductor

Concentrically stranded circular conductor (rm), sector-shaped conductor (sm), cl.2 acc. to SR EN 60228

Insulation

PVC, B type.

Inner protective layer

* Watertight semi-conductive tape

Copper screen

Copper tape, 0.1 mm thickness.

Max. screen's resistance at 20°C: 3.08 Ω/km

Inner sheath

PVC, red.

Armor

Blank or zinc-plated cold-rolled tape, min. thickness 0.5 mm.

Outer sheath

PVC, red RAL 3020.

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

CYEAb(z)-F are extra flame retardant cables, test acc. 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

12 x cable diameter

Max. tensile strain during installation

50 N/mm²

Color coding

- 3 conductors: white

CYEAb(z)Y , CYEAb(z)Y-F 3.6/6 kV



**Cablu de energie cu izolatie si manta de PVC,
cu ecran de cupru si armatura**

**PVC – insulated and sheathed signal cable
with copper screen and armor**

Tipodimensi une cablu	Tip conductor	Grosime radiala izolatie, nom/min	Grosime radiala manta interna	Grosime radiala nom/min manta exterioara	Rezistenta electrica max, la 20°C	Diametru exterior inf	Masa Inf
<i>Cable size</i>	<i>Type of conductor</i>	<i>Insulation's radial thickness nom/min</i>	<i>Inner sheath's radial thickness nom/min</i>	<i>Outer sheath's radial thickness nom/min</i>	<i>Max. resistance at 20°C</i>	<i>Outer diameter Inf</i>	<i>Mass, inf</i>
		mm	mm	mm	Ω/km	mm	kg/km
3x25	rm	3.4/2.96	1.2/0.76	2.2/1.56	0.727	39.1	2550
3x35	rm	3.4/2.96	1.2/0.76	2.3/1.64	0.524	40.6	2900
3x50	sm	3.4/2.96	1.2/0.76	2.2/1.56	0.387	38.7	3250
3x70	sm	3.4/2.96	1.3/0.84	2.3/1.64	0.286	42.1	4150
3x95	sm	3.4/2.96	1.3/0.84	2.4/1.73	0.193	45.1	5100
3x120	sm	3.4/2.96	1.4/0.92	2.5/1.79	0.153	47.9	6100
3x150	sm	3.4/2.96	1.4/0.92	2.6/1.88	0.124	50.9	6950
3x185	sm	3.4/2.96	1.5/1.00	2.7/1.96	0.0991	54.1	8400
3x240	sm	3.4/2.96	1.6/1.08	2.9/2.12	0.0754	58.7	10250