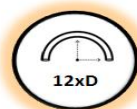
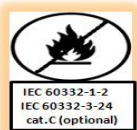
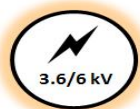




Cablu de energie, ecranat, armat, cu izolatie si manta de PVC

Armored PVC insulated and sheathed power cable



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.
 Cablurile trebuie protejate impotriva agentilor corozivi, a solventilor chimici

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 din aluminiu

Conductor unifilar (re), conductor multifilar (rm) sau sector multifilar (sm)

Izolatie

PVC, tip B.

Invelis intern

* Banda semiconductoare cu bariera la propagarea apei

Ecran din cupru

Banda de cupru de 0.1 mm

Manta interioara

PVC tip ST1, culoare: rosu, negru sau gri.

Armatura

Banda de otel laminata la rece nezincata sau zincata

Manta exterioara

PVC tip ST1, culoare: rosu, negru sau gri.

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

Iar ACYEAb(z)Y-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

12 x diametrul cablului

Forta maxima de tractiune la pozare

30 N/mm²

Cod de culori

- 3 conductoare: albe

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.

The cables must be protected against: corrosive agents, chemical solvents.

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

Aluminum conductor

Solid conductor (re), concentrically stranded conductor (rm) or compacted sector-shaped conductor (sm)

Insulation

PVC, B type.

Inner protective layer

* Watertight semi-conductive tape

Copper screen

Copper tape, 0.1 mm thickness

Inner sheath

PVC type ST1 color: red, black or gray.

Armor

Blank or zinc-plated cold-rolled steel tape

Outer sheath

PVC, ST1 type, color: red, black or grey.

ACYEAb(z)Y are flame retardant; test acc. to SR EN 60332-1-2

ACYEAb(z)Y-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

12 x cable diameter

Max. tensile strain during installation

30 N/mm²

Color coding

- 3 conductors: white

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



**Cablu de energie, ecranat, armat, cu izolatie
 si manta de PVC**

**Armored PVC insulated and sheathed
 power cable**

Tipodimensi une cablu	Tip conductor	Grosime radiala izolatie, nom	Grosime radiala nom 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>Outer sheath's radial thickness Nom</i>	<i>Max. resistance at 20°C</i>	<i>Outer diameter Inf</i>	<i>Mass, inf</i>
		mm	mm	Ω/km	mm	kg/km
3x16	rm	3.4	2.1	1.91	33.3	1657
3x16	re	3.4	2.1	1.91	32.5	1590
3x25	rm	3.4	2.2	1.200	39.1	2043
3x35	rm	3.4	2.3	0.868	40.6	2226
3x50	sm	3.4	2.2	0.641	38.7	2375
3x70	sm	3.4	2.3	0.443	42.1	2818
3x95	sm	3.4	2.4	0.320	45.1	3297
3x120	sm	3.4	2.5	0.253	47.9	3752
3x150	sm	3.4	2.6	0.206	50.9	4287
3x185	sm	3.4	2.7	0.164	54.1	4898
3x240	sm	3.4	2.9	0.125	58.7	5803