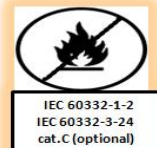
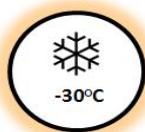
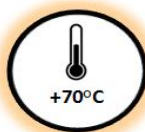
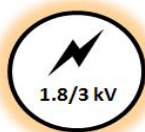




Cablu de energie, ecranat cu izolatie si manta de PVC

PVC insulated and sheathed screened power cable



Standard de fabricatie: SR CEI 60502-1
Tensiune nominala $U_0/U(U_m)$: 1.8/3 (3.6) kV
Tensiune de incercare: 6.5 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 (max. 5 sec): +160°C
Temperatura minima a cablului (masurata pe manta)

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

* Cablurile sunt cu rezistenta la UV

Conductor de aluminiu

Conductor unifilar, (re) cl 1, sau multifilar (rm) cl.2, conf SR EN 60228.

Izolatie

PVC

Ecran de cupru

Banda de 0.1 mm

Manta exterioara

PVC, negru sau gri.

Cablurile ACYEY sunt cu rezistenta la propagarea flacarii; incercare conf. SR EN 60332-1-2

Iar ACYEY-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

- 1 conductor: negru

Production Standard: SR CEI 60502-1
Rated voltage $U_0/U(U_m)$: 1.8/3 (3.6) kV
Test voltage: 6.5 kV a.c , 5 min

Applicability

Power supply to power stations.

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

Max. permissible operating temperature: +70°C
Max. short-circuit temperature (max.5 sec): +160°C
Minimum cable temperature (measured on the sheath surface)

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

* UV resistant cables

Aluminium conductor

Solid conductor, class 1 (re) or concentrically stranded circular conductor cl.2 (rm), according SR EN 60228

Insulation

PVC

Copper screen

Copper tape 0.1 mm thickness

Outer sheath

PVC, black or grey.

ACYEY are flame retardant cables; test acc. to SR EN 60332-1-2

ACYEY-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

- 1 conductor: black



Cablu de energie, ecranat cu izolație
și manta de PVC

PVC insulated and sheathed screened
power cable

Tipodimensiune cablu	Tip conductor	Grosime radială izolație nom	Grosime radială nominală manta exterioara	Rezistența electrică max, la 20°C	Diametru exterior inf.	Masa Inf.
<i>Cable size</i>	<i>Type of conductor</i>	<i>Insulation Nom. radial thickness</i>	<i>Outer sheath 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
1x10	re	2.2	1.8	3.080	11.9	213
1x16	re	2.2	1.8	1.910	12.8	252
1x25	rm	2.2	1.8	1.200	14.4	319
1x35	rm	2.2	1.8	0.868	15.4	371
1x50	rm	2.2	1.8	0.641	16.5	439
1x70	rm	2.2	1.8	0.443	18.1	533
1x95	rm	2.2	1.8	0.320	19.8	643
1x120	rm	2.2	1.8	0.253	21.3	748
1x150	rm	2.2	1.8	0.206	22.6	848
1x185	rm	2.2	1.8	0.164	24.8	996
1x240	rm	2.2	1.8	0.125	26.7	1192