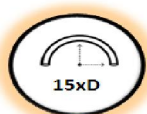
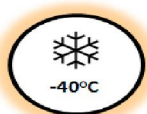
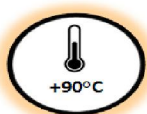
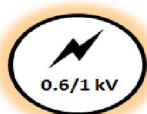


RE4*R 0.6/1 kV

Cablu de energie cu izolatie de polietilena reticulata si manta de PVC

Power cable with XLPE insulation and PVC sheath



Standard de fabricatie: DC 4141; SR HD 603 S1

Standard: DC 4141; SR HD 603 S1

Tensiune nominala $U_0/U(U_m)$: 0.6/1(1.2) Kv
Tensiunea de incercare: 4 kV, 50 Hz, timp de 5 min

Rated voltage $U_0/U(U_m)$: 0.6/1(1.2) kV
Test voltage: 4 kV, 50 Hz, for 5 minute.

Domeniul de utilizare

Cablurile sunt utilizate pentru transportul energiei electrice la statii de putere.
Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton, in apa.

Applications

Power supply to power stations
The cables can be installed in open or confined areas, under ground, in sewers, in concrete, under water.

Temperatura conductorului de cupru in functionarea de durata: +90°C

Conductor temperature in long-run operation: +90°C

Temperatura maxima a conductorului in scurt-circuit (max 1 s): +250°C

Max. conductor temperature in short-circuit (max 1 s): +250°C

Temperatura minima a cablului (masurata pe manta) la montaj: -5°C

Minimum cable temperature (measured on the sheath surface) during installation: -5°C

Conductor de cupru

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

Copper conductor

Solid conductor (re) or concentrically stranded conductor (rm), according to SR EN 60228

Izolatie

Polietilena reticulabila (XLPE), tip DIX 3

Insulation

Crosslinked polyethylene, DIX3 type

Manta

PVC tip DMV13, gri, RAL 7001
Cablurile sunt cu rezistenta la propagarea flacarii conf. SR EN 60332-1-2

Sheath

PVC, DMV13 type, grey.
Flame retardant cables; test according to SR EN 60332-1-2

Marcaj pe manta

ENEL RE4*R-0,6/1 kV 25 SC ELECTROPLAST SA, luna, an, marcaj lungime.

Sheath marking

ENEL RE4*R-0,6/1 kV 25 SC ELECTROPLAST SA month, year, length marking

Raza minima de curbura la instalare

15 x diametrul cablului- cablu monofilar
12 x diametrul cablului- cablu multifilar

Min. bending radius at installation :

15 x cable diameter – single-core cable
12 x cable diameter – multi-core cable

Forta maxima de tractiune la pozare

50 N/mm²

Max. tensile strain at installation :

50 N/mm²

Culoare izolatie

neagra

Color insulation

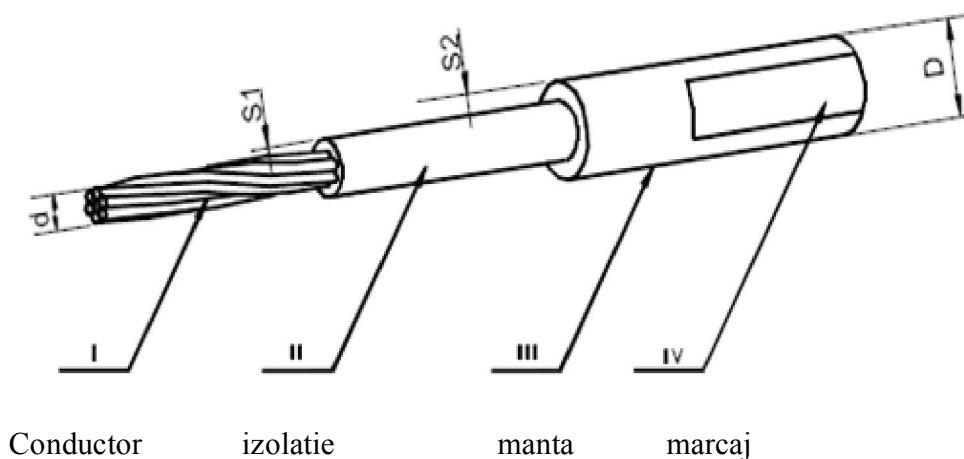
black

RE4*R 0.6/1 kV

Cablu de energie cu izolatie de polietilena reticulata si manta de PVC

Power cable with XLPE insulation and PVC sheath

Tipodimensiune cablu Cable	Simbol Symbol	Nr condx sect Size mm^2	Tip conduc-tor Cond. type	Nr de fire din cond No. of wires / conductor	Grosime radiala		Rezistenta electrica max. la 20°C Max. resistance at 20°C	Diametru exterior Outer diameter	Masa inf Mass inf kg/km	Curent admisibil la pozare Permissible current at installation	
					Izol. Radial insulation thickness mm	manta Radial sheath thickness mm				in aer A	in pamant A
DC 4141/8X	UE4*R	1x6	re	1	0.7	1.4	3.08	7	99	61	68
DC 4141/9X	RE4*R	1x16	rm	7	0.7	1.4	1.15	10	230	112	119
DC 4141/10X	RE4*R	1x25	rm	7	0.9	1.6	0.727	12	314	148	156
DC 4141/11X	RE4*R	1x50	rm	19	1.0	1.6	0.387	14	543	221	218
DC 4141/12X	RE4*R	1x95	rm	19	1.1	2.0	0.193	18	1009	342	322
DC 4141/13X	RE4*R	1x150	rm	37	1.4	2.0	0.124	22	1550	454	410
DC 4141/14X	RE4*R	1x240	rm	61	1.7	2.0	0.0754	27	2533	610	545



Conductor

izolatie

manta

marcaj