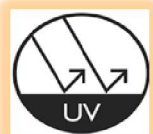
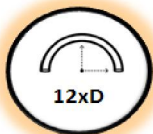
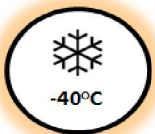
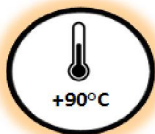
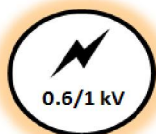


ARE4*CR 0.6/1 kV

Cablu de energie bipolare cu conductor de aluminiu izolat in XLPE si conductor concentric din cupru in manta de PVC

XLPE-insulated aluminium bipolar power cable with concentric conductor and PVC sheath



Norma de fabricatie: DC 4125 RO; SR HD 603 S1

Tensiune nominala U_o/U: 0.6/1 kV (1.2)

Domeniul de utilizare

Cablurile sunt utilizate pentru realizarea de bransamente monofazate pentru tensiuni U₀/U 0.6/1 kV

* Cablurile sunt cu rezistenta la UV

Temperatura cond central in functionarea de durata: +90°C

Temperatura cond concentric in functionarea de durata: +85°C

Temperatura cond central in scurtcircuit: +250°C

Temperatura cond concentric in scurtcircuit: +160°C

Temperatura minima in timpul pozarii: -5°C

Conductor din aluminiu central

Conductor multifilar (rm) conf. SR EN 60228

Izolatie XLPE tip DIX 3

Conductor concentric din cupru

Conductor multifilar (rm) conf. SR EN 60228

Manta de PVC tip DMV 13, culoare RAL 7001

Aceste cabluri sunt cu intarziere la propagarea flacarii; incercare conf. SR CEI 60332-1-2

Marcaj pe manta

Ex ENEL ARE4*CR-0,6/1 kV 1x25+16C
SC ELECTROPLAST SA, luna, an, metraj

Raza minima de curbura la instalare

10 x diametrul cablului

Forta maxima de tractiune la pozare

30 N/mm²

Cod de culori

- 1 conductor izolat: negru

Standard: DC 4125 RO; SR HD 603 S1

Rated voltage U_o/U: 0.6/1 kV (1.2)

Applicability

Monophase connections for U_o/U voltages of 0.6/1 kV.

* UV resistant cables

Core conductor temperature in long-run operation: +90°C

Concentric conductor temperature in long-run operation: +85°C

Core conductor temperature during short-circuit: +250°C

Concentric conductor temperature during short-circuit: +160°C

Min. temperature during installation: -5°C

Copper phase conductor

Concentrically stranded circular conductor (rm); SR EN 60228

XLPE Insulation DIX 3 type

Concentric copper screen

Multiwire (rm); SR EN 60228

PVC sheath DMV 13 type, color RAL 7001

Flame retardant cables; test according to SR CEI 60332-1-2

Sheath marking

Ex ENEL ARE4*CR-0,6/1 kV 1x25+16C
SC ELECTROPLAST SA, month, year, length marking

Min. bending radius at installation :

10 x cable diameter

Max. tensile strain during installation :

30 N/mm²

Color coding :

- 1 conductor: black

ARE4*CR 0.6/1 kV

Cablu de energie bipolare cu conductor de aluminiu izolat in XLPE si conductor concentric din cupru in manta de PVC

XLPE-insulated aluminium bipolar power cable with concentric conductor and PVC sheath

Tip cablu <i>Cable type</i>	Simbol <i>Symbol</i>	No cond x sect <i>No. of cond. x cross-section</i>	Diam ext <i>Outer diam. (≈)</i>	Masa <i>Mass (≈)</i>	Capacitatea de incarcare (A) <i>Installation capacity (A)</i>				Curent admisibil in scurt circuit <i>Thermal short-circuit current</i>	
									faza	neutru
					aer <i>air</i>	aer in conducte <i>air conduit</i>	pamant <i>buried</i>	Pamant in conducte <i>buried conduit</i>	<i>phase</i>	<i>neutral</i>
					A	A	A	A	A	A
DC4125/3X	AUE4*CR	1x10+6C	11	170	64	57	84	68	0.9	0.8
DC4125/4X	ARE4*CR	1x25+16C	14	380	114	101	150	120	2.4	2.0

