barrynax AR-Corona

RVMV 0,6/1kV

Definition

Technical definition: ..... RVMV 0.6/1 kV

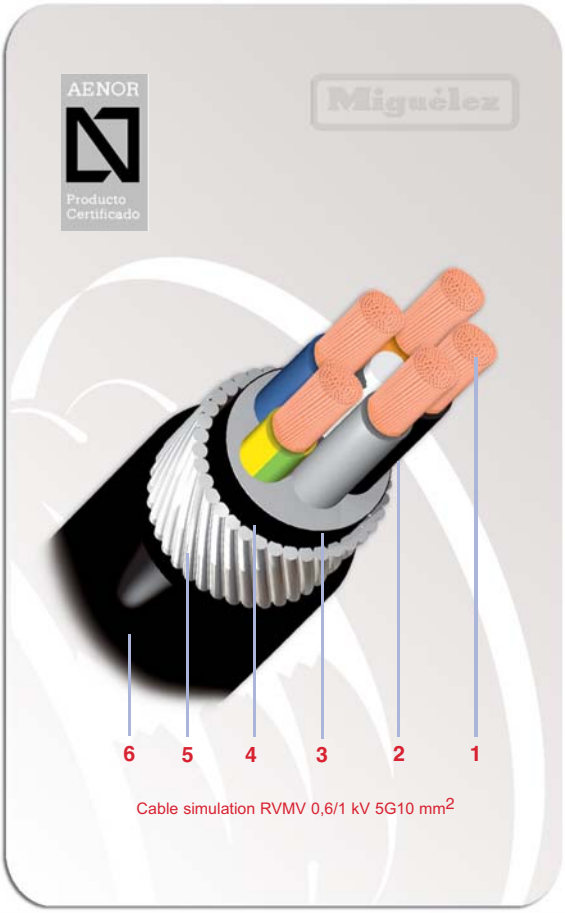
Voltage rating:..... 0.6/1 kV

Max. operative temperature:
operating service: 90ºC
short-circuit(5 s.)..... 250ºC

Voltage test: Alternating current..... 3.5 kV.
Direct current..... 8.5 kV.

Constructive description:
Built according to **UNE 21123-2** standard:

1 Solid electrolytic copper conductor class 1 and/or 2 according to **UNE-EN 60228/ EN 60228 /IEC 60228** standard.
2 XLPE Insulation type DIX 3 according to **UNE HD 603-1 tabla 2A.**
3 Stuffed of PVC (for multicore from 10 mm^2 size).
4



Cable simulation RVMV 0,6/1 kV 5G10 mm^2

Applications

Installation type: .....FIXED.

Users Guide:
RVMV: " for the transport and distribution of electrical energy in fixed facilities, protected or not. Adapted for inner and outer facilities, on supports (outdoors), in tubes or buried. Unsuitable for facilities of feeding of submerged pumps.". (UNE 21123-2)

On the other hand, it´s specially indicated for its use in fixed facilities, in which a high risk of explosion exists; gas stations or pyrotechnicses warehouses or with inflammable products. Its use in fixed facilities is recommended that can be put under possible mechanical aggressions,and tensile stress.

Suitable methods of installation:
The horizontal range between the clips will not be more than 20 times the diameter of the cable. The distance also is valid between points of support in case of tending on grids carries cables or on trays. In no case this distance must exceed 80 cm.

Functional characteristics

A) Mechanical protection:
The application of a double steel wire armour (or aluminum for the single-core ones) provides an excellent protection against accidental blows, crushing or possible perforations.

B) Tensile strenght:
Tensile strenght: The galvanized steel wire armour allows cable putting under permanent tensile stress.

C) Non flame propagation test:
The composition of the isolation of PVC type DMV-18, guarantees the non-propagation of the flame according to **UNE-EN 60332-2-1 ; EN 60332-2-1 ; IEC 60332-2-1** standards.

D) Non fire propagation test:

According to **UNE EN 50266-2-4 / EN 50266-2-4 / IEC 60332-3 ; UNE EN 50266-2-5 / EN 50266-2-5 / IEC 60332-3** standards.

E) High temperature on service:

The isolation of XLPE, improves the capacity of power transmission,elevating temperature in permanent service up to 90 º C and short - circuit (5 s.) up to 250 ºC, in contrast with 70/160 ºC ofPVC.

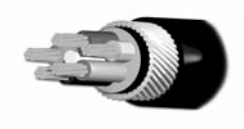
F) Behaviour outdoors:

It provides an optimal protection against possible environmental agents, allowing its installation outdoors, underground, even in the presence of non-permanent humidity.

Dimensional characteristics

Code	Nominal cross section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20ºC
	mm²	mm	mm	Kg/km	Ohm/km
		RVMV 0,6/1kV			
80670	2x1.5	13,4	0,7	317	12,1
SI 80671	2x2.5	13,9	0,7	381	7,41
SI 80672	2x4	15,3	0,7	441	4,61
SI 80673	2x6	17	0,7	539	3,08
80674	2x10	18,6	0,7	679	1,83
80675	2x16	20,8	0,7	880	1,15
80676	2x25	22,8	0,9	1500	0,727
SI 80680	3x1.5	13,4	0,7	351	12,1
SI 80700	3x2.5	14,5	0,7	410	7,41
SI 80681	3x4	15,6	0,7	480	4,61
SI 80682	3x6	17,5	0,7	601	3,08
80683	3x10	19,4	0,7	786	1,83
80684	3x16	23,3	0,7	1321	1,15
80685	3x25	26	0,9	1768	0,727
SI 80701	4x1.5	14	0,7	397	12,1
SI 80702	4x2.5	15,6	0,7	459	7,41
SI 80703	4x4	16,8	0,7	557	4,61
SI 80704	4x6	18,2	0,7	611,12	3,08

SI Available references of permanent stock and **Integrated Service** net



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Code	Nominal cross section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
	mm²	mm	mm	Kg/km	Ohm/km
RVMV 0,6/1KV					
SI 80705	4x10	19,7	0,7	950	1,83
SI 80706	4x16	25,7	0,7	1661	1,15
80620	5x1.5	15,8	0,7	441	12,1
80633	5x2.5	17	0,7	544	7,41
80619	5x4	16,7	0,9	653	4,61
80618	5x6	20,1	0,7	817	3,08
80615	5x10	23,7	0,7	1261	1,83
80616	5x16	26,1	0,7	1423	1,15
80617	5x25	30,4	0,9	1787	0,727

SI Available references of permanent stock and Integrated Service net

Presentation

* Only available in drums

Colours