

afirenas múltiple (AS)

RZ1-K(AS) 0,6/1 kV

Definition

Technical definition:..... RZ1-K(AS) 0.6/1 kV

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



Max. operative temperature:

permanent service:90°C

cortocircuito:.....250°C



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

Constructive description:

According to UNE 21123-4 standard:

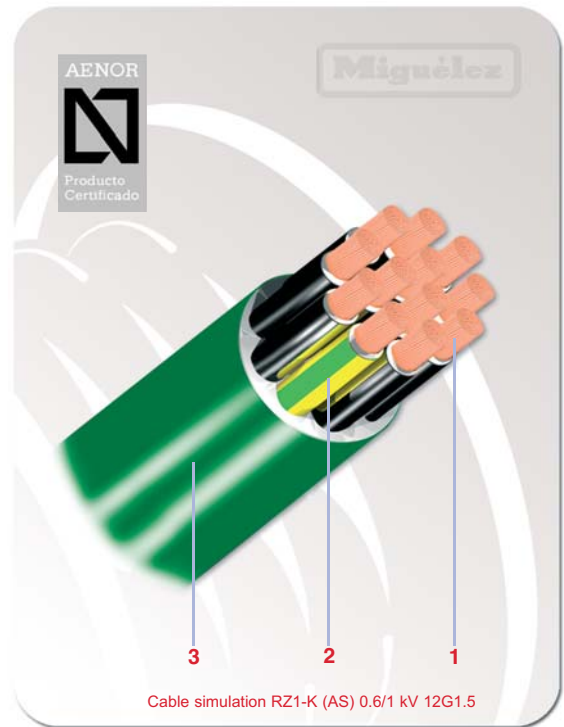
1 Flexible electrolytic copper conductor class 5 according to UNE-EN 60228/ EN 60228 /IEC 60228 standard.

2 XLPE cross-linked polyethinene isolation type DIX 3 according to UNE HD 603-1 index 2A standard.

3 Polyolefine sheath according to UNE 21123-4 standard. They appear in multicore formation from 6 to 60 insulated phases, in 1,5 mm² & 2,5 mm² sections.



Minimum temperature allowed for the cable laying during its installation and assembly of accessories: 0°C



Cable simulation RZ1-K (AS) 0.6/1 kV 12G1.5

Applications

Installation type:FIXED

Users Guide:

RZ1-K (AS): " 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 21123-4) Specially indicated for its use in distribution networks, facilities in public places (schools, hospitals, stores, cinemas, offices etc.) and in general whenever an important fire risk existence or where it requires a low smoke-emission and corrosive gases in case of fire.

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) Non flame propagation test:

The composition of the isolation of thermoplastic polyolefine, guarantees the non-flame propagation of the flame according to: UNE-EN 60332-2-1 ; EN 60332-2-1 ; IEC 60332-2-1 standards.



B) 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.



C) Density of smoke (smoke-screening):

In case of fire, avoids loss of visibility due to smoke produced by cable combustion, according to UNE EN 61034-2 / EN 61034-2 / IEC 61034-2 standards.



D) Halogenous determination:

In case of fire, the emission of monoxide of carbon, carbon dioxide and hydrochlorate acid is lower to 0.5 %, according to: UNE EN 50267-2-1/ EN 50267-2-1 / IEC 60754-1 standards.



E) Acidity and gases corrosivity:

In case of fire, the index acidity and the conductivity the emanated gases according to UNE EN 50267-2-3 / EN 50267-2-3 / IEC 60754-2+A1 standards. minimum PH ≥ 4,3 / maximum conductivity (μS/cm) ≤100.



F) Outdoor behaviour:

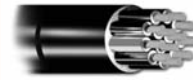
It provides an optimal protection before possible environmental agents, allowing its outdoor installation, underground, even in the presence of non permanent humidity.



0,6 / 1 kV



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Dimensional characteristics

Code	Nominal cross section	Ø Overall	Insulation thickness	Weight	Conductor resistance 20°C
	mm ²	mm	mm	Kg/km	Ohm/km

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SI	84167	1,5	11,08	0,7	170	13,3
	84176	2,5	12,58	0,7	250	7,98
SI	84168	1,5	11,08	0,7	190	13,3
	84177	2,5	12,58	0,7	270	7,98
SI	84169	1,5	12,28	0,7	230	13,3
	84178	2,5	14,08	0,7	320	7,98
SI	84170	1,5	13,88	0,7	270	13,3
SI	84186	2,5	15,98	0,7	370	7,98
SI	84171	1,5	14,38	0,7	300	13,3
	84179	2,5	16,48	0,7	420	7,98
SI	84180	1,5	15,08	0,7	340	13,3
SI	84187	2,5	17,38	0,7	490	7,98
SI	84172	1,5	15,88	0,7	390	13,3
	84188	2,5	18,28	0,7	550	7,98
	84181	1,5	16,78	0,7	430	13,3
	84189	2,5	19,38	0,7	620	7,98
SI	84173	1,5	16,78	0,7	440	13,3
	84190	2,5	19,38	0,7	630	7,98
	84182	1,5	17,68	0,7	470	13,3
	84191	2,5	20,48	0,7	680	7,98
SI	84174	1,5	19,58	0,7	550	13,3
SI	84192	2,5	22,68	0,7	790	7,98
	84183	1,5	19,98	0,7	600	13,3
	84193	2,5	23,18	0,7	870	7,98
SI	84175	1,5	20,78	0,7	660	13,3
	84194	2,5	24,08	0,7	960	7,98
	84184	1,5	21,58	0,7	720	13,3
	84195	2,5	25,24	0,7	1060	7,98
	84185	1,5	22,48	0,7	790	13,3
	84196	2,5	26,24	0,7	1150	7,98

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

XLPE 90°C

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