

ALARM CABLE

CABLES FOR CIVIL AND INDUSTRIAL SAFETY PLANTS

Standard Version



CONSTRUCTION

Formation:

Plain annealed copper wire

Insulation:

Thermoplastic Low Smoke, Halogen Free - LSZH

Wrapping:

at least 1 layer of plastic tape 0,023 mm

Collective Screen:

0,026 mm Aluminium / PETP tape over drain wire

Outer Sheath:

Thermoplastic Low Smoke, Halogen Free - LSZH

Colour Outer Sheath:

White

IDENTIFICATION OF CORES

0,22 mm²:

0,50/0,75 mm²:

ELECTRICAL DATA

Insulation Resistance @ 20°C:	> 25 MOhm*Km
Test Voltage Core-Core:	2000 V
Test Voltage Core-Screen:	2000 V
Mutual Capacitance:	< 150 nF/km
Inductance:	< 1 mH/km
Operating Voltage:	300 V

PACKAGE: 100, 500, 1000 mt



These cables can be installed along with power cables marked 450/750 V or 0,6/1 kV operating with systems having maximum voltage to ground 400 V AC



STANDARD REFERENCES

- BS 4737
- IEC 60228
- CEI 20-11
- EN 50363
- CEI UNEL 36762

ON REQUEST

- Armour in SWA, SWB or STA
- Personalized colour code and outer sheath

CPR CLASSIFICATION

EN 50575:2016 - C_{CA} s1, d0, a1

TEMPERATURE RANGE

During Operation:

-30° C up to +80° C

During Installation:

-5° C up to +50° C



CHARACTERISTICS

Low Smoke Halogen Free



Min. Bending Radius
8 x cable diameter



Fixed Laying



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RAMCRO CODE	FORMATION [n° x AWG]	OUTER DIAMETER [mm]	MAX RESISTANCE AT 20°C [Ohm/km]
SAS0222GCYKA+	2x0.22	3.2	122.0
SAS0422GCYKA+	4x0.22	3.6	122.0
SAS0622GCYKA+	6x0.22	4.1	122.0
SAS0822GCYKA+	8x0.22	4.5	122.0
SAS1022GCYKA+	10x0.22	5.2	122.0
SAS1222GCYKA+	12x0.22	5.3	122.0
SAC0250022GCYKB+	2x0.50 + 2x0.22	4.0	53.0 122.0
SAC02500422GCYKB+	2x0.50 + 4x0.22	4.5	53.0 122.0
SAC02500622GCYKB+	2x0.50 + 6x0.22	4.8	53.0 122.0
SAC02500822GCYKB+	2x0.50 + 8x0.22	5.4	53.0 122.0
SAC02501022GCYKB+	2x0.50 + 10x0.22	5.5	53.0 122.0
SAC02501222GCYKB+	2x0.50 + 12x0.22	5.7	53.0 122.0
SAC02750222GCYKB+	2x0.75 + 2x0.22	4.6	36.0 122.0
SAC02750422GCYKB+	2x0.75 + 4x0.22	4.9	36.0 122.0
SAC02750622GCYKB+	2x0.75 + 6x0.22	5.3	36.0 122.0
SAC02750822GCYKB+	2x0.75 + 8x0.22	6.2	36.0 122.0
SAC02751022GCYKB+	2x0.75 + 10x0.22	6.3	36.0 122.0
SAC02751222GCYKB+	2x0.75 + 12x0.22	6.5	36.0 122.0

CABLE PRINTING : RAMCRO SPA ALARM CABLE FIRE RETARDANT <YEAR> IEC 60332-3-24 EN 50575:2014 + A1:2016 CPR CLASS Cca s1, d0, a1 CEI 20-22 III CEI UNEL 36762 C-4(U₀=400V) + BATCH