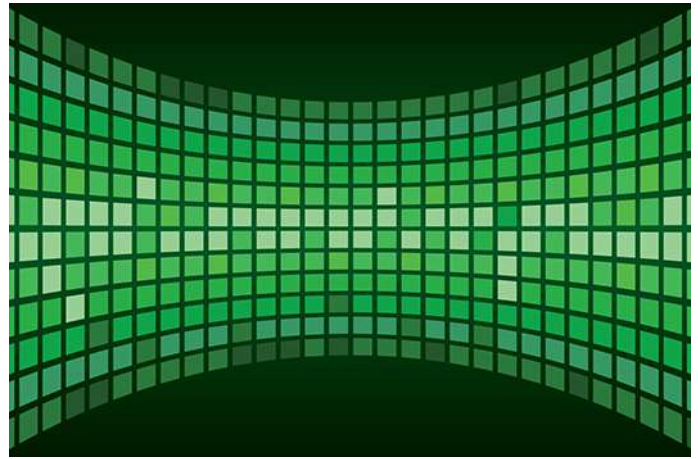
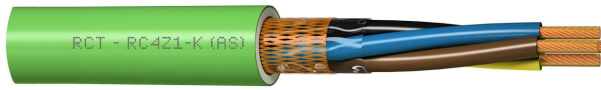


Cables Instrumentation and control

RC4Z1-K (AS) 0,6/1 kV



Description

These cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, being those indicated for executing permanent installations where electromagnetic protection is required to avoid parasitic currents. Their use is recommended in control applications of drivers, solenoid valves, start-up of machines and robots, remote switches, temperature, intensity or voltage regulation in motorised valves as well as for installations in computer centres, airports, road tunnels, railways and anywhere where low fumes and corrosive gas emission is required in the event of fire, such as public premises, hospitals, schools and shopping centres.

Reference Standards: UNE 21123, HD 603 S1 and IEC 60502

Applications

- Underground supply networks for outdoor lighting installations

They can also be used in the following applications:

- Underground networks for low voltage distribution
- Electricity distribution networks
- Underground service connections
- Installations in premises with special characteristics
- Appropriate for installations where greater fire protection is required.

Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228.
2. Insulation	Cross-linked polyethylene (XLPE), type DIX-3, according to UNE 21123 and HD 603S1
3. Screen	70% copper braid on polyester sheet.
4. Sheath	Thermoplastic polyolefin sheath according to UNE 21123
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.C.
Maximum temperature	90 °C

Other characteristics

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 and EN 50334 (inscription marking when more than five conductors)

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

Non-fire propagating in accordance with UNE-EN 60332-3-24, EN 60332-3-24 and IEC 60332-3-24

Low halogen content according to IEC 60754-1 and 60754-2

Low corrosive gas emission according to IEC 60754-1 and 60754-2

Low opaque smoke emission according to UNE-EN 61034, EN 61034 and IEC 61034

The use of cross-linked polyethylene (XLPE) admits greater current density, at equal section, respect to the insulation with PVC.

CPR classified according to EN 50575

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x16	1,21	8,90	191	Eca
1x25	0,78	10,50	279	Eca
1x35	0,554	11,70	372	Eca
1x50	0,386	13,40	509	Eca
1x70	0,272	15,30	697	Eca
2x1,5	13,3	9,30	99.760	Eca
2x2,5	7,98	9,60	116	Eca
2x4	4,95	10,30	142	Eca
2x6	3,3	11,20	178	Eca
2x10	1,91	13,80	287	Eca
2x16	1,21	15,50	391	Eca
3G1,5	13,3	9,40	100	Eca
3G2,5	7,98	10,30	149	Eca
3G4	4,95	11,35	196	Eca
3G6	3,3	12,60	258	Eca
3G10	1,91	14,60	384	Eca
3x16	1,21	16,75	548	Eca
4x1,5	13,3	10,30	138	Eca
4x2,5	7,98	11,20	179	Eca
4x4	4,95	12,00	232	Eca
4x6	3,3	14,70	355	Eca
4x10	1,91	15,60	473	Eca
5x1,5	13,3	10,80	158	Eca
5x2,5	7,98	11,85	208	Eca
5x4	4,95	13,30	287	Eca
5x6	3,3	14,90	385	Eca
6x1,5	13,3	11,60	180	Eca
6x2,5	7,98	12,75	240	Eca
7x1,5	13,3	11,60	195	Eca
7x2,5	7,98	12,75	264	Eca
8x2,5	7,98	13,70	296	Eca
10x1,5	13,3	14,60	301	Eca
10x2,5	7,98	14,60	351	Eca
12x1,5	13,3	14,10	294	Eca
12x2,5	7,98	15,55	406	Eca
14x1,5	13,3	14,90	332	Eca
14x2,5	7,98	16,50	462	Eca
16x1,5	13,3	15,80	372	Eca
19x1,5	13,3	16,60	423	Eca