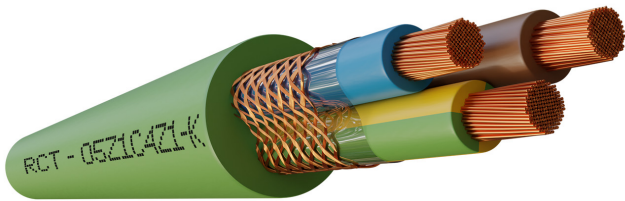


Cables Instrumentación

05Z1C4Z1-K 300/500 V



Description

This cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, being those suitable for permanent installations where electromagnetic protection is required to avoid parasitic currents. They are recommended for use in applications for the control and command of inverters, solenoid valves, machine and logic controller start-up, power switches, temperature, current or voltage regulation in motorised valves as well as for installation in computing facilities, airports, road tunnels, railway networks and wherever a low emission of corrosive fumes and gases is required due to fire hazards such as public premises, hospitals, schools and shopping centres.

Reference Standards UNE 21031-14 and HD 21.14S1

Applications

- Suitable for the following installations:
- Data communication systems
 - Control and signal in electronics
 - Computer systems
 - Weighing equipment, etc.

Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228
2. Insulation	Halogen-free thermoplastic polyolefin, type TI-6 in compliance with UNE 21031-14
3. Metallic armour	Copper braid on polyester sheet
4. Sheath	Halogen-free thermoplastic polyolefin, type TM-7 in compliance with UNE 21031-14 and HD 21.14S1
Nominal voltage	300/500V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C
Colours	According to UNE 21089 and HD 308 S2 (colour-marked for less than five drivers), UNE-EN 50334 and EN 50334 (marked by registration for more than five drivers)
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2
Low halogen content	According to IEC 60754-1 and 60754-2
Low emission of corrosive gases	According to UNE-EN 50267, EN 50267 and IEC 60754-1 and 60754-2
Low emission of opaque fumes	According to UNE-EN 61034-2, EN 61034-2 and IEC 61034-2

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Cables RCT, as a consequence of his continuous improvement process, may modify any technical specification without further notice.



Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
2x0,5	39	5,9	43	
2x0,75	26	6,5	50	
2x1	19,5	7,15	62	Eca
3x0,5	39	6,2	52	
3x0,75	26	6,85	63	
3x1	19,5	7,5	78	Eca
4x0,5	39	6,7	63	
4x0,75	26	7,45	76	
4x1	19,5	8,2	96	Eca
5x0,5	39	7,45	78	Eca
5x0,75	26	8,25	96	Eca
5x1	19,5	8,9	117	
6x0,75	26	8,5	103	Eca
6x1	19,5	9,6	136	Eca
7x0,75	26	8,95	121	Eca
7x1	19,5	9,2	139	Eca
8x1	19,5	10,65	164	Eca
10x1	19,5	12,1	217	Eca
12x1	19,5	12,45	218	Eca
16x0,75	26	12,35	242	Eca
16x1	19,5	13,6	314	Eca
24x0,75	26	14,55	146	Eca