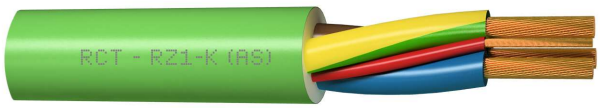
Cables 0,6/1 kV

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



Description

These halogen-free cables are suitable for the execution of individual by-passes, in those cases where the supply is carried out with three or five conductors plus the tracer thread, red 1.5 section conductor, incorporating it onto the inside of the sheath. The aim of this product is to facilitate installation, reducing the time spent handling each conductor individually, as well as to avoid possible damage to the tracer thread due to its reduced section. Their flexibility makes them very appropriate in complex and extremely difficult installations.
Reference Standards: HD 603 S1 and IEC 60502

Applications

Suitable for:
- Individual by-pass

Dimensions

Section (mm^2)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
3x6 + 1,5	3,3	11,25	267
3x10 + 1,5	1,91	13,10	399
3x16 + 1,5	1,21	15,40	580
3x25 + 1,5	0,78	18,90	899
3x35 + 1,5	0,554	21,95	1.182
3x50 +1,5	0,386	27,35	1.746
3x70 + 1,5	0,272	30,75	2.420
5x6 + 1,5	3,3	13,60	405
5x10 + 1,5	1,91	16,10	632
5x16 + 1,5	1,21	18,90	930
5x25 + 1,5	0,78	23,30	1.388
5x35 + 1,5	0,554	26,40	1.894

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 insulation (XLPE), type DIX-3, according to UNE-HD 603-1
3. Sheath	Thermoplastic polyolefin sheath according to UNE-HD 603-1 and ST8 according to IEC 60502-1
Maximum temperature	90 ºC
Nominal voltage	0,6/1 kV
Test voltage	3.500 V A.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.

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