

Cables 300/500 V

H05Z1-K



Description

These flexible and halogen-free cables are indicated for permanent installations in public premises and where low fumes and corrosive gas emission is required in case of fire.

Reference Standards: UNE-EN 50525-3-31, EN 50525-3-31 and IEC 60227-3

Applications

Suitable for the following installations:

- Individual by-pass
- Indoor or receiver installations
- Public premises
- Installations in premises with fire or explosion risk
- Appropriate for other installations where greater fire protection is required, even in housing

Technical Characteristics

1. Conductor	Flexible electrolytic copper conductor (Class V) according to BS EN 60228:2005 (previously BS6360) and UNE 60228.
2. Insulation	Thermoplastic halogen-free material insulation, type TI-7, according to HD 21.15S1:2006.
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C

Other characteristics

Colours according to UNE-EN 50525-1 and EN 50525-1

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

Low halogen content according to UNE-EN 21031-15 Appendix A and HD 21.15S1:2006

Low corrosive gas emission according to UNE 21031 Appendix A0, HD 21.15S1:2006

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

CPR Classification according to EN 50575

Dimensions

Section (mm ²)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x0,5	39	2,10	8	Cca- s1b, d1, a1
1x0,75	26	2,25	11	Cca- s1b, d1, a1
1x1	19,5	2,45	14	Cca- s1b, d1, a1