

Cables 450/750 V

H07Z1-K Type 2 (AS) CPR



Description

The H07Z1-K Type 2 (AS) CPR halogen-free cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575 , being those indicated for fixed installations in public premises and where low fumes and corrosive gas emission is required in case of fire, such as hospitals, schools, shopping centres, airports and all those installations where greater fire protection is required. These cables are also appropriate for the installation of individual by-passes.

Reference Standards UNE-EN 50525-3-31, EN 50525-3-31, and UNE 211002

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 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
Nominal voltage	450/750 V
Test voltage	2.500 V A.C.
Maximum temperature	70 °C
Colors	According to UNE-EN 50525-1 and EN 50525-1
No flame spread	According to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2
Non-spread of fire CPR	According to EN 50399
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
Non-spread of fire	According to UNE-EN 60332-3-24, EN 60332-3-24 and IEC 60332-3-24

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Dimensions

Section (mm ²)	Resistance at 20°C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1	19,5	2,75	16	Cca-s1b,d1,a1
1x1,5	13,3	2,9	20	Cca-s1b,d1,a1
1x2,5	7,98	3,52	31	Cca-s1b,d1,a1
1x4	4,95	4,06	46	Cca-s1b,d1,a1
1x6	3,3	4,6	64	Cca-s1b,d1,a1
1x10	1,91	5,9	109	Cca-s1b,d1,a1
1x16	1,21	6,96	161	Cca-s1b,d1,a1
1x25	0,78	8,55	240	Cca-s1b,d1,a1
1x35	0,554	9,73	329	Cca-s1b,d1,a1
1x50	0,386	11,6	469	Cca-s1b,d1,a1
1x70	0,272	13,4	661	Cca-s1b,d1,a1
1x95	0,206	16	869	Cca-s1b,d1,a1
1x120	0,161	17,8	1117	Cca-s1b,d1,a1
1x150	0,129	19,9	1387	Cca-s1b,d1,a1
1x185	0,106	22,3	1681	Cca-s1b,d1,a1
1x240	0,0801	25	2211	Cca-s1b,d1,a1