Cables 450/750 V

H07Z1-U Type 2 (AS) CPR

Description

The H07Z1-U Type 2 (AS) CPR cables comply with the construction product classification criteria according to the EU CPR Regulation 305/2011 and EN 50575, These cables are indicated for permanent installations in public premises where low fumes and corrosive gas emission is required in case of fire, such us hospitals, schools, shpping centers, airports, an all those installations where a greater fire protection is required.They are also appropriate for the installations of individual by-passes.

These Type 2 cables stand out due to their improved properties against fire since they comply with the non-fire propagation test according to UNE-EN 60332, EN 60332 e IEC 60332.

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

Applications

Suitable for installations where greater fire protection is required, even in housing.

They are also appropriated for the following installations:
- Individual By-pass.
- Indoor or receiver installaitons.
- Public premises
- Installations in premises with fire or explosion risk

Technical Characteristics

1. Conductor	Rigid electrolytic copper conductor (Class I) according to BS EN 60228:2005 (previously BS6360) and EN 60228.
2. Insulation	Halogen-free thermoplastic polyolefin, type TI-7 in compliance with UNE-EN 50363-7, EN 50363-7.
Nominal voltage	450/750 V
Test voltage	2.500 V A.C.
Maximum temperature	70 ºC
Other characteristics	

Colours according to UNE-EN 50525-1,EN 50525-1
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 EN 50399, UNE-EN 60332-3-24, EN 60332-3-24 and IEC 60332-3-24
Low corrosive gas emission according to IEC 60754-1 and 60754-2
Low opaque smoke emission according to UNE-EN 61034, EN 61034, IEC 61034
CPR classification according to EN 50575

30 September 2021

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Dimensions

Section (mm^2)	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)	Class
1x1,5	13,3	2,70	19	Cca- s1b, d1, a1
1x2,5	7,98	3,30	30	Cca- s1b, d1, a1
1x4	4,61	3,80	46	Cca- s1b, d1, a1
1x6	3,3	4,30	66	Cca- s1b, d1, a1