



## **H07Z1-K**

### **DESCRIPTION**

Single-pole unshielded cables.

### **APPLICATION:**

Particularly suitable in places where a low emission of smoke and corrosive gases is required in case of fire, e.g. in public places, individual derivations in buildings, etc.

### **MAXIMUM CONDUCTOR TEMPERATURE**

70°C

### **VOLTAGE:**

450/750 V

### **REFERENCE STANDARDS:**

UNE-EN 50525-3-31

The non- fire propagation test according to UNE-EN 60332-3-24

### **CONSTRUCTION:**

#### **Conductor**

Class 5 according to EN 60228

#### **Insulation**

Mixture of thermoplastic material type TI7 according to UNE EN 50363-7

### **APPROVALS:**

AENOR HAR Certificado 042-000919

INGCER Certificado E-022-14-3933

### **SUPPLY**

Rolls

Wood Coils

Plastic Coils

**ENVIRONMENTAL CONDITIONS:**

- Non-fire propagating - IEC 60332-3
- Non-flame propagating - IEC 60332-1
- Low smoke emission - IEC 61034
- Conductivity and corrosivity - IEC 60754-2

CONDUCTOR			Maximum Current Capacity A	INSULATION	
Nominal section mm <sup>2</sup>	Max. Diameter Thread	Resistance at 20°C max. Ω/km		Insulation thickness mm Min.	Max. External Diameter M
1,50	0,26	13,30	13	0,70	3,40
2,50	0,26	7,98	18	0,80	4,10
4,00	0,31	4,95	23	0,80	4,80
6,00	0,31	3,30	30	0,80	5,30
10,00	0,41	1,91	40	1,00	6,80
16,00	0,41	1,21	54	1,00	8,10
25,00	0,41	0,780	70	1,20	10,20
35,00	0,41	0,554	86	1,20	11,70
50,00	0,41	0,386	103	1,40	13,90
70,00	0,51	0,272	160	1,40	16,00

