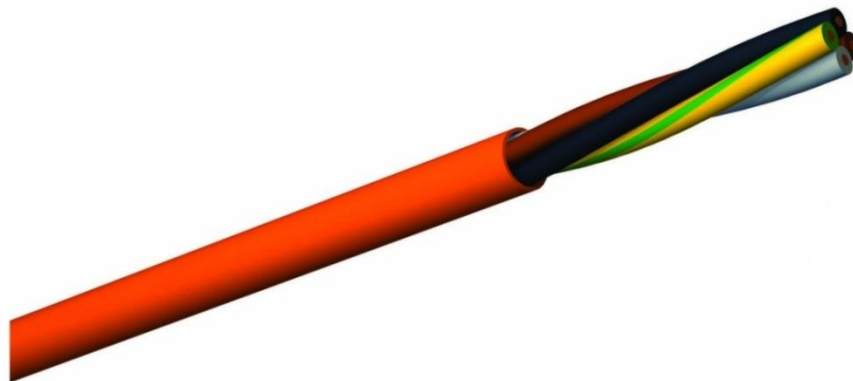




## K-FIRE SZ1-K 0,6-1KV

**Description :** Multicores flexible cable fire resistant and fire retardant, low smoke and halogen free, to be used in safety systems.

**Design:**



**Construction :** Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5  
 Fire resistant elastomer Type EI2 according with HD 22.1 - Colour code as per VDE 0293  
 Special polyolefin outer sheath Orange colour Type HM2 according with HD 604 S1

**Manufacturing's Controls:** Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.  
 Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

**Norms :**  
 IEC 60331 - Fire resistant  
 IEC 60332-1 - Flame propagation (single wire)  
 IEC 60332-3 - Flame propagation (bunched wires)  
 IEC 60754 - Low corrosivity and acidity of evolved gases  
 IEC 61034 - Low opacity of evolved fumes  
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 600/1000V
- Spark Test voltage : 6000 V
- Working temp. (fix / not fix installation): -20°C to +90°C
- Minimum bending radius For permanent approx. 7,5 x Ø

**Use :** K-FIRE SZ1-K 0,6/1 kV construction and testing are compliant with the international standard IEC 60502 and the testing standard EN 50200, withstanding temperatures of 840 °C for 90 minutes. It means that this cable is able to maintain the service despite in the most extreme fire conditions.  
 These cables must be installed in safety circuits in public places, they are essential in detection and alarm circuits, evacuation systems and fire-fighting systems.