



## K-FLEX 2000

**Description :** Multi-conductors power supply, connecting and control cable with colour code cores for a working voltage of 450/750 V. and 600/1000 V.

**Design:**



**Construction :**

- 1) Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
- 2) PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207 with special mechanical resistance. Coloured code as HD 308 S2 and VDE 0293
- 3) Outer jacket in PVC **TM2** according to CEI 20-11 and VDE 0207

**Manufacturing's Controls:** Test and Control according to our certificated **ISO 9001-2008** 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 :** Flame retardant, Test method B according to DIN VDE 0472 part 804 and IEC 60332-1  
 Based on IEC 60227-5 HD 21.5 S3 - VDE 0281 / 5 - HD 21.13 S1 - VDE 0281 / 13  
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 450/750V  
600/1000 V. from 10 mm<sup>2</sup>
- Spark Test voltage : 5000 V
- Working temperature : Occasional flexing: -5°C to +70°C  
Fixed installation: -40°C to +80°C
- Minimum bending radius Occasional flexing: 15 x outer Ø  
Fixed installation: 4 x outer Ø

**Use :** The range of application comprises all electrical installations in dry and damp interiors, especially under industrial conditions, outdoor use only with UV protection and in observance of the temperature range. These cables are suitable for free not continuously movement appliance without tensile load or compulsory guidance as well as for fixed installation.