



K-FLEX 2000 POWER H.T. 105°C

Description: Heat resistant multi cores power supply cable with special PVC insulation and PVC jacket, working voltage 600/1.000 V.

Design:



Construction: Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 PVC Insulation compound type **TI3** according to CEI 20-11 and VDE 0207 with special mechanical resistance.
 Colour code conductors as per VDE 0293
 Outer jacket in PVC **TM3** according to CEI 20-11 and VDE 0207 - black

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: Flame retardant, Test method B according to DIN VDE 0472 part 804 and IEC 60332-1
 The cable is conform to Low Voltage Directive (LVD) 2014/93/EU CE

Technical dates:

- Nominal voltage : 600/1.000 V.
- Spark Test voltage: 6000 V
- Working temperature: Occasional flexing: -5°C to +105°C
 Fixed installation: -40°C to +105°C
- Minimum bending radius: Occasional flexing: 20 x outer Ø
 Fixed installation: 4 x outer Ø

Use: This control cable is used in applications where a certain resistance to high temperature is required.

The range of applications of the 0,6/1 kV control cable covers all electrical systems in dry and damp interiors, especially in industrial environments. The high U.V. resistance allows the use outside with respect to the temperature range. It is suitable to be used as direct burial and in wet areas. The control cable 0,6/1 kV is suitable as a measuring, monitoring and control cable in the machine tool and plant engineering, in heating and air conditioning systems, refrigeration plants etc.