



K-FLEX PVC O.R. JB 500

Description : Multi cores flam resistant power supply and control cable with special PVC insulation and PVC jacket, working voltage 300/500 V.

Design:



Construction :

Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
 PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207 with special mechanical resistance.
 Colour code cores according with HD 308 S2
 Outer jacket in PVC **TM2** according to CEI 20-11 and VDE 0207

Manufacturing's Controls:

Test and Control according to our certificated **ISO 9001-2015 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 :

Self-extinguish according to test method B IEC 60332-1
 Reduced Fire Propagation, Fire retardant as IEC 60332-3-22 - CEI 20-22 II and NBN C30-004, cat. F2
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 300/500V
- Spark Test voltage : 3000 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 :

This power supply and control cable is suitable for measuring, monitoring and in the machine tool manufacturing, plant engineering, power stations, heating and air conditioning systems, refrigeration plants, office equipment machines and installations for data processing. The cable is used in dry, damp and wet interiors at medium mechanical stress. Outdoors only with UV-protection and in observation of the temperature range. It is suitable for free, not continuously moving appliance without tensile load or compulsory guidance as well as for fixed laying.