



K-FLEX PVC O.R. JZ SY 750

Description : Multi cores flam resistant armoured power supply and control cable with special PVC insulation, transparent PVC outer sheath.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207 black numbered cores + green yellow core.
 Inner jacket in special PVC **TM2** according to CEI 20-11 and VDE 0207
 Steel braiding with coverage 80% ± 5%
 Outer jacket in transparent or grey 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
 Fire retardant as IEC 60332-3A - 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 : 450/750 V
- Spark Test voltage : 3000 V
- Working temp. (fix / not fix installation): -40° / -5°C to +70° / +80°C
- Minimum bending radius approx. 12,5 x Ø

Use : This cable is suitable in the machine tool and plant engineering, power stations, air conditioning systems and office equipment as well as data processing systems. The triple-protected K-PVCFLEX O.R. SY 750 power supply and control cable withstands the roughest operating conditions. High mechanical protection and a defined degree of electrical shielding is provided by the oxidation-protected steel wire braiding under the transparent outer sheath, which protects the braid against dirt.