



K-FLEX 3000 2XY JZ POWER

Description : Multi cores power supply and control cable with special XLPE insulation compound and PVC outer sheath, working voltage 600/1000 V.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and IEC 60228 Cl.5
Insulation in special cross-linked EPDM compound type EI6 - DIN VDE 0282, part 1
Black numbered cores with or without G.Y. core
Talc
Outer jacket in PVC **TM2** according to CEI 20-11 and VDE 0207

Manufacturing's Controls: Test and Control according to our Quality System certificate **ISO 9001-2008 CSQ-IMQ (EQ-NET)**

Norms : Flame retardant, Test method B according to DIN VDE 0472 part 804 and IEC 60332-1
According with IEC 60502-1
UV and weather-resistant according to ISO 4892-2
Ozone-resistant according to EN 50396
Oil resistant according: DIN EN 50290-2-22 resp. VDE 0819-102, TM54.
The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600/1.000 V.
- Spark Test voltage : 6000 V
- Working temperature : Occasional flexing: -5°C to +90°C
Fixed installation: -40°C to +90°C
- Max temperature on the conductors 120°C
- Minimum bending radius : Occasional flexing: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use : The range of applications of these power supply cable covers all electrical systems in dry and damp interiors, especially in industrial environments and can also be used outside with respect to the temperature range. It is suitable to be used as direct burial but not as underwater cable. This cable is also suitable as a measuring, monitoring and control cable in the machine tool and plant engineering, in heating and air conditioning systems, refrigeration plants etc.