



## K-FLEX 2411 S1BQ-F

**Description :** Power supply flexible single core cable with EPR insulation and polyurethane outer sheath.

**Design:**



**Construction :** Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5  
 Insulation in EPDM rubber compound type EI6 according to DIN VDE 0282, part 1  
 Black or Green Yellow Insulation color  
 Outer sheath in polyurethane-compound TPU according to DIN VDE 0282, part 10, annex A

**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 :**

According with CEI 20-19/10 (CENELEC HD 22.10 S2)  
 Insulation and jacket thicknesses according with IEC 60502-1 (Power cables with extruded insulation and their accessories for rated voltages of 1 kV)  
 Oil Resistant according EN 60811-2-1  
 Halogen-free according to IEC 60754-1 (amount of halogen acid gas) Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)  
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 600/1.000V
- Spark Test voltage : 5000 V
- Working temperature: Occasional flexing: -40°C to +90°C  
 Fixed installation: -50°C to +90°C
- Max temperature on the conductor +120°C
- Minimum bending radius : For flexible use: 12.5 x outer Ø  
 Fixed installation: 4 x outer Ø

**Use :**

In dry, humid or moist situations, outdoors  
 For medium mechanical stresses, e.g. industrial and agricultural appliances, heating installations providing that there is no risk of contact with hot parts and is not subject to radiation, electric tools such as drills and circular saws and also for transportable motors or machines on building sites, agricultural workings and shipyards. Suitable for use in cold-storage appliances