



## K-FLEX 2310 S05BQ-F

**Description :** Power supply and control flexible 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 rubber compound E16 according to DIN VDE 0282, part 1  
Black numbered cores + GY core, other special colour codes on request.  
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 :** In derogation to CEI 20-19/10 (CENELEC HD 22.10 S2)  
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 : 300/500V
- Spark Test voltage : 3000 V
- Working temperature: Occasional flexing: -40°C to +90°C  
Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 12.5 x outer Ø  
Fixed installation: 4 x outer Ø
- Tensile stress during installation: For flexible use: max 15 N/mm<sup>2</sup>  
Fixed installation: max 50 N/mm<sup>2</sup>

**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