



K-FLEX 3000 POWER UL CSA

Description : American and Canadian 1KV control and power Cables manufactured according to UL AWM Style 21179 and CSA AWM I A/B II A/B.

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 TI3 UL 90°C according to UL 1581
Black numbered cores + G.Y. core
Outer sheath in special PVC TM3 UL 90°C according to UL 1581

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 : Flame retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1, IEC 60332-3A and CSA FT1

According to UL styles 10012 - 21179 and CSA-AWM I A/B II A/B

With black outer sheath colour the cable is also UV and weather-resistant according to ISO 4892-2 and 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 : 1000 V
- Spark Test voltage : 10.000 V
- Working temperature : Occasional flexing: -5°C to +90°C
Fixed installation: -40°C to +90°C
- Minimum bending radius : Occasional flexing: 15 x outer Ø
Fixed installation: 4 x outer Ø

Use : UL and CSA approved Control Cable especially for European and American markets.
Suitable for fixed installation under medium mechanical load conditions as well as for flexing application at free, non-continuously recurring movement without tensile load or compulsory guidance. Mainly in dry, damp and wet interiors (including water-oil mixtures). In the grey outer sheath version is suitable for outdoor use only if protected from the UV exposure.