



K-FLEX 2000 UL CSA

Description : American and Canadian oil-resistant Control and Power Cables manufactured according to UL AWM Style 2587 and CSA AWM I A/B II A/B.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 PVC Insulation compound according to UL 1581
 Colour coded cores according HD 308 S2 table
 Outer sheath in special PVC 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 : Self-extinguishing, test method B according to DIN VDE 0472 part 804, IEC 60332-1, UL 1581 section 1060 (Vertical Flame and FT1 Test)
 Reduced Fire Propagation according to IEC 60332-3-24
 According to UL styles 10012 - 2587 and CSA-AWM I A/B II A/B
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 600 V UL (IEC 450/750 V.)
- Spark Test voltage : 6000 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), but not for outdoor use.