



K-FLEX 3000 1.000 V. UL CSA

Description : American and Canadian oil-resistant 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 90°C according to UL 1581
 Black numbered cores + GY core
 Outer sheath in special PVC 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 : Self-extinguish according to test method B IEC 60332-1
 Reduced Fire Propagation, Fire retardant as IEC 60332-3-24 - CEI 20-22 II and NBN C30-004, cat. F2
 Flame retardant rating UL VW1 and CSA FT1
 According to UL styles 11008 - 21179 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 : UL 1.000 V.
IEC 300/500 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), but not for outdoor use.