



K-FLEX 3000 O.R. 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, DIN-VDE 0295 K5 and IEC 60228 Cl.5
PVC Insulation compound TI3 and UL 90°C according to UL 1581 Black numbered cores with or without GY core
Talc
PVC outer sheath compound TM5 and 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 :

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

Oil-resistant according to HD21.1: TM5 and UL 1581 Class 43

According to UL styles 11008 - 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
- Spark Test voltage : 6000 V
- Occasional flexing: -5°C to +90°C
- Working temperature : Fixed installation: -40°C to +90°C
Occasional flexing: 15 x outer Ø
- Minimum bending radius: 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.