



K-FLEX 3515 CY 80°C 1000 V. UL CSA

Description : EMC-compliant, American and Canadian Control and Power Cables manufactured according to UL AWM Style 2570 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 TI1 and UL 80°C according to UL 1581
 Polyester tape
 Tinned copper screening with coverage 85% ± 5%
 Black numbered cores + GY core
 Outer sheath in special PVC TM2 and UL 80°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 758 FT1
 According to UL styles 2570 and CSA-AWM I A/B II A/B
 UV and weather-resistant according to ISO 4892-2
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : UL 1.000 V.
10.000 V
- Spark Test voltage : Occasional flexing: -5°C to +80°C
- Working temperature : Fixed installation: -40°C to +80°C
For Occasional flexing: 20 x outer Ø
- Minimum bending radius Fixed installation: 6 x outer Ø

Use : Efficient stocking! These control cables are especially suitable for export-orientated machinery. These inexpensive cables make work easy, facilitate economic stocking and thus speeds up the export orders. It is suitable for control equipment on machine tools subjected to medium mechanical stresses, for fixed or flexible installation, where free movement is required without tensile stresses and without forced guidance systems, in dry, damp and wet interiors (including water-oil mixtures). The cable is also suitable for outdoor use within the above indicated working temperatures.