



K-FLEX 3500 CY POWER UL CSA

Description : Increased oil-resistant screened Control and Power Cables manufactured according to UL AWM Style 21179 and CSA AWM I A/B II A/B.

Design:



Construction :

- 1Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
- PVC Insulation compound according to UL 1581 - 105°C
- Polyester tape
- Tinned copper screening with coverage 85% ± 5%
- Outer sheath in special PVC according to UL 1581 - 105°C

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 60332-3C and CSA FT1
According to UL style 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 : 1.000V
- Spark Test voltage : 6.000 V
- Working temperature : Occasional flexing: -5°C to +105°C
Fixed installation: -40°C to +105°C
- Minimum bending radius mm: Occasional flexing: 20 x outer Ø 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), but not outdoors.