



K-FLEX 3600 CY UL CSA

Description : EMC compliant, Increased oil-resistant Control and Power supply shielded single core cables, conforming to UL AWM Style 10107 and CSA AWM I A/B.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5, DIN-VDE 0295 K5 and UL 83 standard
 Special PVC Insulation compound type TI3 UL 90°C 758
 Polyester tape
 Tinned copper wires braiding with coverage of 85%
 Outer sheath in special PVC TM3 type according UL 90°C 758

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 and UL VW-1

UL and recognized according to AWM style 10107 and CSA recognized according AWM II A/B FT1

Oil-resistant according to DIN EN 50290-2-22 (TM54)

The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage: 600 V
- Spark Test voltage: 6000 V
- Fixed installation working temperature: -40°C to + 90°C
- Occasional flexing working temperature: -5°C to + 90°C
- Flexing working temperature: 0°C to + 90°C
- Fixed installation minimum bending radius = 4 x cable Ø
- Occasional flexing minimum bending radius = 10 x cable Ø

Use : These power single core cables are especially suitable for export-orientated machinery. 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).