



K-FLEX 5000 CY UL CSA

Description :

Increased oil-resistant screened Control and Power Cables manufactured in derogation to HD 21.13 S1 standard, 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 and DIN-VDE 0295 K5
PVC Insulation compound type **TI1** according to CEI 20-11, VDE 0207 and UL AWM 758
Black numbered cores + G.Y.
Inner jacket in special PVC **TM2** according to CEI 20-11 and VDE 0207 and UL AWM 758
Tinned copper screening with coverage 85% ± 5%
Outer jacket in special PVC **TM5** according to CEI 20-11 and VDE 0207 and UL AWM 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 :

Flam retardant, Test method B according to DIN VDE 0472 part 804, IEC 60332-1 and CSA FT1

According to UL AWM Style 25087 and CSA AWM I A/B II A/B.

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

Manufactured in derogation to HD 21.13 S1 standard.

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

Technical dates :

- Nominal voltage : 600V
- Spark Test voltage : 6000 V
- Working temperature : Occasional flexing: -5°C to +90°C
Fixed installation: -40°C to +90°C
- Minimum bending radius 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.